### LOG BOOK

Essex April 1 to Sept 30 - 1877.

OF THE
U. S. Steamer Essex
Third Rate,
of Six Guns,

### **COMMANDED BY**

Commander Winfield Scott Schley , U. S. Navy,
Attached to Squadron,
Commencing April 1<sup>st</sup>, 1877,
at ,
and ending , 18 ,
at

BUREAU OF NAVIGATION, NAVY DEPARTMENT, 1875.



Transcribed by Christopher Olson and Ann Merriman
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### LIST OF OFFICERS

Attached to and on board of the U. S. Str. Essex, 3<sup>d</sup> Rate, commanded by Winfield Scott Schley, U. S. N., at the time of leaving the anchorage, at Hampton Roads Va, the 16th day of August, 1877.

NAME RANK

Winfield Scott Schley John Schouler

Asa Walker

James K. Cogswell Clinton K. Curtis Samuel C. Lemly

Charles B. T. Moore William H. Allen

Richard Henderson W. G. Hannum Thomas D. Griffin

P. A. Rearick H. T. Stancliffe George B. Ransom

A. M. Moore
C. L. Dunnett
Francis A. Dran
W.W. Richardson
Arthur Schley
J. C. Petty

Commander

Lieutenant Commander

Lieutenant Lieutenant Lieutenant Ensign Ensign Midshipman Midshipman Midshipman Midshipman Chief Engineer P.A. Paymaster **Asst Engineer** P.A. Surgeon **Asst Engineer** Boatswain Carpenter Captains Clerk

Paymaster Clerk

### LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U. S. Str Essex, 3<sup>d</sup> Rate commanded by W. Scott Schley, Commander , U. S. N., during a cruise on the North Atlantic Station from 1877. to

NAME. RANK. TIM
Richard G. Davenport Lieutenant Detact
Wainwright Kellogg Lieutenant "
C. G. Calkins Master "

Captains Clerk

Arthur Schley

TIME OF OCCURRENCE AND PARTICULARS. Detached, July 7<sup>th</sup>, 1877., By order of Navy Dept. "  $9^{th}$ , " " " " " " " " Sent home, Sept,  $29^{th}$ , 1877., Condemned by Medical Survey

				WIND	S.		BAROM	ETER.	7	EMPERAT	URE.	State of	Forms of		State	
Hour. Knot	ots.		Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				S	1-2		29.86	78	77	76		bc	None	10		
2				S by W	u		и	"	ш	ш		"	Cum	9		
3				Calm	0		и	"	u	u		"	Cir	u		
4				S	0-1		29.85	76	76	75		"	"	и		
5				S by W	u		29.86	"	"	u			Cir Cum	u		
6				SW	u		29.86	u	78	77		44	44	u		
7				SSE	1		29.88	"	79	ш		"	44	u		
8				S by E	1-2		и	77	"	u			e	u		
9				и	2		и	"	"	"		"	66	"		
10				SE	"		и	78	80	78		ш	es	6		
11				NE by E	u		29.87	79	81	79		"	66	8		
Noon				NE	ш		и	44	и	80		es	ш	4		
Distance ru	ın by Lo	og s	ince pr	receding No	on						ŀ	nots	fa	athoms.		
Latitude by												0		•	ű	
Longitude b												0			"	
Latitude by							_					0				
Longitude b Current dur			neter fi									· ·		•	-	
time	-			knot			fms. per	hour, se	etting to	the						
Variation of							Sunrise					0		"	u	
Variation of						d at						0		"	и	
Water expe	ended d	lurir	ng the p	oreceding 2										252 g	jallons.	
Water					-	the p	receding	24 hou	rs						1 "	
Water rema													tono	151	'	
Coal consu Coal remain				-	nours							103	tons "	275 1583	lbs.	
Coarreman	illing on	ı ııaı	iiu at iv	10011								103		1303		
P,M.																
1				N by E	2-3		29.86	80	81	79		bc	Cir Cum	4		
2				u	u		29.83	"	82	80		44	"	5		
3				u	u		29.94	"	"	"		44	66	4		
4				u	"		u	"	"	u		"	44	2		
5				N	2		и	79	80	79		44	ш	1		
6				u	3		29.86	"	"	"		44	66	0		
7				u	4		29.90	"	ш	"		ос	44	4		
8				и	3		29.92	"	79	78		b	none	10		
9				и	4		29.96	"	"	"		bcg	Cum	8		
10				ш	5		29.98	"	u	u		и	Cum Nimb	2		
11				"	5-6		и	"	ш	"		u	44	7		
Mid.				ш	u		29.99	и	и	ш		ш	ш	"		
Longitude b	by Chro	nor	neter fi	rom Afterno	on Obse	rvatio	ns ⊙					0			"	
Longitude b										*		0			ш	
Variation of							ob	served	at Suns	set		0			и	
Variation of	f the Co	omp	ass by					at				0		4	44	

[Editor's Note: The following was attached to the log entry for April 1<sup>st</sup>, 1877.]

The following first class boys were rated ordinary seamen second class, on the first day of April 1877., by order of Commanding Officer, Viz.

Wm. G. Smith	Charlie Delmar	Samuel Gillespie
Michael Mangau	Wm. H. Danforth	John Williams
Wm. J. Lindon	Wm. E. Haggeubotham	Patrick Mourley
Geo M. Humauce	Wallace Vanderbeck	Samuel Griffin
Patrick Duffy	Fredk. Wolfinger	Wm. S. Hasson
Wm. D. Jenkins	W.W. Sheldon	F.W.L. Gray
Patrick Reuch	Henry H. Hill	Wm. M. McCaun
John. C. Gable	D.W. Hellens	Bailey Leamey
Francis Shiscoll	William White	Robert Landon
John F. Partlow	John C. Sills	Peter A. Emmond

Commences and until 4 A.M. Clear and pleasant, with light airs from S. and W. Bright moonlight. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Warm and pleasant. Light airs from S. And W. Received fresh provisions for crew. At 8, sent up topgallant yards. Temp of bunkers 80°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light airs from S. and E. first two hours, calling to N. and E. last two hours. At 9.45, commanding officer inspected ship and crew at quarters. Afterwards articles of war were read and crew mustered. Divine Service was read by Commanding Officer. Charlie Green (G.M.) was presented with a good conduct badge by Commanding Officer, it having been forwarded to him by Bureau of Equipment and Recruiting. By order of Commanding Officer, confined John L. King (B. M.) without irons to await trial by Court Martial for being drunk on duty. Temp of bunkers 78°.

(Signed) Sam C. Lemly Ensign.

From Merid. to 4 P.M. Pleasant weather. Moderate breeze from N. and E. Made George N. Fisher (1.C.B.) a prisoner at large for fighting, to await investigation. Temp of bunkers 79°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy first half, clear and pleasant last two hours. At sundown topgallant yards and housed topgallant masts. Rigged in launch and 1<sup>st</sup> cutter. Temp of bunkers 80°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Cloudy. Wind from the N., increasing to a strong breeze. Squally. Moon rose at 9.45. Barometer rising. Veered to 60 fathoms on starboard chain and 40 fathoms on port chain.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				N	4-5		30.00	78	79	78		bc	none	10		
2				ш	44		29.98	u	"	77		ш	ш	u		
3				44	"		u	"	78	"		ш	Cum	9		
4				44	"		u	"	"	"		ш	u	3		
5				и	3-5		u	"	"	"		"	Cum	4		
6				u	66		30.02	"	79	78			Nimb "	3		
7				u	66		"	u	"	"			Cir	"		
				и	ш		20.05	ш	u	ш		u	Cum "	-		
8				и			30.05	"		ш		u	u	5		
9				44	3-4 3		30.06		81			44	u	6		
10				44			ш	80	82	79 "		44	u			
11 Noon				u	2-3 2		20.05	"	81	ш		ш	u	4 4		
NOOII					2		30.05							4		
Distan	ice run b	y Log	since pre	eceding No	oon						k	nots	fa	athoms.		
Latitud	de by D. I	R. at l	Noon									0		4	"	
Longit	ude by D	). R. a	at Noon									0		•	ш	
Latitud	de by Ob	serva	tions at N	loon ⊙								0		4	u	
-			ometer fro	m Forence	on Obser							0		4	u	
Currer time	nt during	the		kno	ts		fms. per l the	nour, se	tting to							
	ion of the	Com	pass by A	Amplitude	⊙ observ	ed at	Sunrise					0		"	"	
Variati	ion of the	Com	pass by A	Azimuth @	observed	at						0		"	"	
Water	expende	d dur	ring the pr	receding 2	4 hours									252 g	allons.	
Water					during	the pr	receding	24 houi	s						"	
Water	remainir	ng on	hand fit fo	or me at N	oon									125	9 "	
Coal	onsume	d duri	ng the pre	eceding 24	1 hours								tons	275	lbs.	
Coal r	emaining	on h	and at No	oon								103	и	1305	и	
P,M.																
1				N	2		30.05	80	82	79				Cir Cum	5	
2				и	44		30.01	"	"	"				"	"	
3				44	66		29.99	u	"	"			"	"	6	
4				44	44		29.98	44	"	"			ш	u	5	
5				NNE	1-2		29.97	"	"	80			ш	ш	4	
6				и	66		ш	u	"	79			и	u	5	
7				ш	1		29.98	79	"	78			ш	ш	u	
8				ш	44		30.01	78	79	"			ш	ш	4	
9				N by E	2		30.00	"	"	"			u	ш	8	
10				"	"		30.02	"	"	u			u	ш	u	
11				N	"		"	"	"	"			ш	"	"	
Mid.				и	44		u	"	"	"			u	"	"	
		· -		A.C.	C'	4:	- 0					0		4	u	
_				om Afterno		vation	ıs <b>⊍</b>					0				
-				bservation						k ot		0		4		
				Amplitude			OD		at Suns	el		0		4	"	
variati	ion of the	: com	ipass by					at								

Commences and until 4 A.M. Clear and pleasant. Strong wind from N. Squally. Slacked stern line and veered to 50 fathoms on port chain. Counter braced the yards. Bright moonlight. Temp of bunkers 82°

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Pleasant. Moderate N[orther]ly breeze. Cir. Cum. Nimb. clouds. At 8, fidded topgallant masts. Temp of bunkers 78°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather damp and sultry. Light breeze from the N. At 9.15, exercised at General Quarters. Times in casting loose as follows. 1<sup>st</sup> Div. 4 m[inutes] 4 s[econds]. 2<sup>nd</sup> Div. 2 m 00s. Powder Div 2 m 30 s. Engineer Div. 1 m 15 sec. Navigators Div. 2 m 00 s. Surgeon's Div. 3 m 10 s. Marines 1 m 23 s. Ed. P. Burke (W.O.S.) having been absent from the ship ten days without permission was declared a deserter. Barometer study. At Meridian a shore battery fired a salute of 21 guns.

(Signed) J.K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light N breeze. At 115, over in to 30 fathoms on both bower chains. Hauled in 25 fathoms stern post. Held auction of E. P. Burke's (W.O.S), deserter, clothing. Sold for \$3.30. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Cloudy, pleasant. Light breeze from N. and E. At 6 mustered at quarters and served out clean hammocks. At sunset sent down topgallant masts. Gave W. G. Switte (I.C.B.) 1 1/2 hours extra duty by order of Commanding Officer.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Cloudy. Pleasant. Light N. by E breeze. Cir Cum clouds Passing to S. W. Wm. G. Switte (1.C.B.) Stood one half hour extra watch and Ellison Parker (Lds) stood two hours extra watch by order of Commanding Officer. Moon rose at 11, obscured moonlight. Temp of bunkers 82°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.	В	AROMETI	ER.	Т	TEMPERATI	JRE.	State of	Forms of	5.	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Hei ir inch	ı	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				N	1-2	30.	02	78	78	78		bc	Cir Cum	2		
2				и	ш	u		u	44	ш		ш	"	u		
3				calm	0	30.	00	77	ш	66		ш	"	1		
4				и	u	и		"	79	"		ш	u	и		
5				и	ш	44		78	ш	ш		ш	"	"		
6				и	ш	66		"	и	66		ш	"	2		
7				Е	1	44		79	80	79		и	44	3		
8				и	"	66		"	81	"		и	" O:	4		
9				и	ш	30.	01	80	82	ш		ш	Cir Str	7		
10				и	2	30.	00	"	ш	44		и	"	6		
11				и	ш	44		"	ш	66		ш	"	7		
Noon				ш	ш	29.	99	ш	81	44		и	и	6		
				eceding No	on						k	nots	f	athoms.	"	
	de by D.											0				
_	tude by D			leen O								0			"	
			tions at N		an Ohaa	vetiene O						0			"	
-	nt during		meter tro	om Foreno knot			per ho	our, se	tting to	the						
	ion of the	Com	pass by	Amplitude	⊙ observ	ed at Sun	ise					0		u	u	
				Azimuth ⊙								0		и	u	
				receding 2										255 ga	allons.	
Water					during	the preced	ding 24	4 hour	s						"	
Water	remainir	ng on	hand fit fo	or me at N	oon									1004	1 "	
Coal	consume	d duri	ng the pre	eceding 24	hours								tons	275	lbs.	
Coal r	remaining	on h	and at No	oon								103	"	1030	u	
P,M.																
1				E	2	29.	05	80	81	79		bc	Cir	5		
2						29.		"	82	80		"	Cum "	4		
3				и	3	29.		"	0Z "	"		"	"	5		
4				u	"	29.		u	"	"		"	"	3		
5				и	u	29.		"	ш	u		hom	Cir	4		
				"		29.	65		0.4	и		bcm "	Str	4		
6				u	2		00		81					-		
7				u	"	29.		"	"	79 "		"	"	6		
8					ш	29.				и			Cir	8		
9					-	29.	94	_	-	-		bc	Cum	-		
10				E by N	ш	и		"	ш	u		44	Cum	9		
11				calm	0	ш		"	80	ш		"	"	"		
Mid.				ш	ш	66		ш	81	u		ш	ш	и		
Longit	tude by C	hrono	meter fro	om Afterno	on Obsei	vations ⊙						O		•	ш	
				bservation	s					*		0		•	и	
				Amplitude			obse	erved	at Suns	set		0		•	"	
Variat	tion of the	Com	pass by					at				0		'	и	

Commences and until 4 A.M. Weather overcast but pleasant during entire watch. Light airs from N during the first part, after words calm. Barometer falling slowly. Temp of bunkers 78°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Calm. Barometer steady. At 8, sent up top gallant masts, crossed topgallant yards and loosed sale. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Warm. Cir. Str. clouds. Light E[asterly] airs. At 9.30, inspected at quarters. Battalion drill and dress parade. Exercise apprentice boys at signals. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from E. At 1.15 furled sail. Temp of bunkers 82°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Cloudy. Warm. Damp. Light E[asterly] breeze. Cir Str clouds. At sunset sent down top gallant masts and yards. At 5.45, mustered at quarters and turned in clean hammocks. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Calm. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

				WINDS	3.		BAROM	ETER.	Т	EMPERAT	URE.					
Hour.	Knots	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				ESE	1		29.91	79	80	79		bc	Cir	4		
2				SE	"		29.90	"		"		"	Cum "	3		
3				SSE	u		29.89	"	ш	"		"	"	2		
4				S	"		29.88	78	79	78		ос	"	0		
5				"	2		29.00 "	"	"	"		bc	44	2		
6				"	<u>~</u>		"	"	4	"		u.	u	3		
				S by	0-		"	"	и	"		"	"			
7				variable	1									4		
8				N	1		29.90	79	80	79		"	"	6		
9				NE by N	1- 2		29.92	80	ш	u		"	"	5		
10				u	u		"	"	82	80		u	"	4		
11				u	u		29.95	"	83	81		"	"	6		
Noon				NNE	"		29.92	81	ш	"		"	u	4		
Distance	run by L	na eir	oce prece	eding Noon							ı	knots	fa	thoms.		
Latitude t		-		caing 140011								0	10	illionis.	"	
Longitude												0			"	
Latitude b				on @								0			"	
	•			Forenoon (	hearvat	ione	•					0		ı	"	
Current d				knots			fms. per	hour ea	tting to	the						
	-			nplitude ⊙ o			•	riour, sc	itting to	uic		0		4	"	
				imuth @ obs			111130					0		4	"	
				ceding 24 ho										270 ga	allone	
Water	cond	-		bearing 24 ric		the r	receding	24 hou	re ·					100		
				me at Noon	uuririg	uie į	receding	24 HOU	5					834		
				eding 24 ho	ire							1	tons	675	lbs.	
Coal rem					ui S							102		355	" "	
Coarrein	allillig of	illalik	at Nooi	"								102	,	333		
P,M.																
1				NNE	2		29.89	82	83	82		bc	Cir Cum	6		
2				u	ш		29.86	"	82	81		44	"	7		
3				ш	"		29.88	"	ш	u		и	"	9		
4				"	1-2		29.70	"	83	"		и	Cir Str	"		
5				NE	2		29.80	u	82	80		и	Cir Cum	4		
6				ENE	и		29.82	80		"		и	Cir	5		
7				u	1-2		29.80	"	81	u		44	Str "	8		
8				u	"		29.85	"	"	"		ш	"	"		
9				Calm	0		29.87	"	ш	"		"	"	7		
10				"	"		29.07 "	"	ш	"		"	"	9		
11				ш	"		29.88	"	ш	"		"	"	"		
Mid.				"	ш		29.00 "	"	ш	"		"	Cum	8		
ivilu.													Culli	U		
Longitude	by Chro	nom	eter from	Afternoon (	Observat	ions	•					0	•		"	
Longitude	by Chro	nom	eter Obs	ervations					:	*		0		•	"	
Variation	of the Co	ompa	ss by An	nplitude			ob	served	at Suns	set		0		•	u	
Variation	of the Co	ompa	ss by					at				0		•	u	

[Editor's note: The following was attached to the log entry for April 4<sup>th</sup>, 1877.]

Expenditure at target practice in Ordnance Department

Powder	cannon	in 15	lbs b	oags				75 II	bs.
"	"	" 10	) "	"				160	"
"	"	" 6	"	u				30	"
Cartridg	e bags							5	
"	"							16	
"	"							5	
Primer	quill							50	
Shells	XI in I	boxes	s load	ded a	nd fus	sed	5"	5	
"	IX "	"	"		"	"	5"	16	
"	60 lbs	"	"	"		"	5"	5	

(Signed) Asa Walker, Lieut.

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear first hour, cloudy remainder of watch. Pleasant. Light airs from E. S. E. shifting to S. Cir Cum clouds. Obscured moonlight. Temp of bunkers 80°.

(Signed) Richard G. Daver

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Cloudy but clearing. Light variable airs. Foggy last hour. At six, started fires in boiler No. 1 and 3 for purpose of distilling. Temp of bunkers 82°.

(Signed) Sam. C. Lemly Lieut.

From 8 to Merid. Clear and pleasant, with light breeze from N and E. At 9.30, mustered at quarters. 1<sup>st</sup> and 2<sup>nd</sup> Divisions were instructed in nomenclature of the guns. John L. King (B. M.) was released from confinement by order of Commanding Officer and restored to duty. Steam in two boilers. Commenced distilling at 10. Average pressure 30 lbs. Temp o of bunkers 95°.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N. N. E. Exercised firing at target with great guns. Steam in two boilers. Average pressure 30 lbs. Temp of bunkers 95°. Barometer falling. Distiller in operation.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light breeze from N. N. E. At sundown sent down top gallant masts and yards. Steam in two boilers. Temp of bunkers 95°. Distilling.

(Signed) Wainwright Kellogg

Lieut

From 8 to Midnight. Clear and pleasant. Calm. Fire in two boilers. Distilling. Average steam pressure 30 lbs. Temp of bunkers 88°.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

				WIN	DS.	E	BAROME	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	ě,	eight in ches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.		_														
1				NNE	0-1	29	.89	80	81	71		bc	Cir	8		
2				"	1		.88	"	"	"		"	Cum "	9		
3				"	2		.86	79	80	78		и	"	0		
4				ш	"	"	.00	"	"	"		ш	66	8		
5				"	1-2	"		"	и	"		и	"	"		
6				u	1	29	.88	80	81	81		"	"	9		
7				calm	0		.90	"	и	ш		"	66	"		
8				"	u	u		81	и	u		ш	**	"		
9				NNE	0-1	29	.91	82	83	82		ш	ш	7		
10				"	1	u		"	и	u		ш	44	2		
11				E	u	29	.84	u	и	"		"	**	4		
Noon				и	2	29	.84	ш	"	ш		ш	ш	"		
		-		ceding No	on						k	nots		ithoms.	u	
	de by D. I											0			u	
	tude by D			_								0			u	
	de by Obs				01							0		•		
-	nt during		meter tro	m Foreno knot				nour, se	tting to	the		-			-	
	ion of the	Com	pass by A	Amplitude	⊙ observ	ed at Sur	nrise					0		4	u	
Variat	ion of the	Com	pass by A	Azimuth ⊙	observed	l at						0		4	ш	
				eceding 2										244 g	allons.	
Water	cond	ensec	i		during	the prece	eding	24 hou	s					73	o "	
Water	remainin	g on l	nand fit fo	r me at N	oon									132	5 "	
Coal	consumed	l durir	ng the pre	eceding 24	hours							1	tons	565	lbs.	
Coal r	emaining	on ha	and at No	on								100	"	2050	"	
D.M																
P,M.				ENE	0	00	. 00	00	0.4	04			Cir	-		
1				ENE	2		.80	82	84	81		bc	Cum	5		
2					3		.78		85	82				4		
3					4		.76	u	84	81 "			"	5		
4				"	2-3		.77	и				"	es	6		
5				NE	3		.78		83	82			_	1		
6				by E	2		.84	•	82	80				4		
7					0-1		.85	"	u	"				2		
8					"		.85	81	81					1		
9							.88		82				u	3		
10				" N by	ű		.87	44	и	ű		"	" Cir	7		
11				W	"	29	.90	"	81	"		"	Nimb	5		
Mid.				u	ш	29	.87	u	44	u		ш	ш	6		
Longit	tude by C	hrono	meter fro	m Afterno	on Obser	vations @	)					0			и	
Longit	tude by C	hrono	meter Ob	servation	S				:	*		0		4	44	
Variat	ion of the	Com	pass by A	Amplitude			ob	served	at Suns	set		0		•	"	
Variat	ion of the	Com	pass by					at				0		•	44	

Commences and until 4 A.M. Clear and pleasant, with light airs from N. N. E. Fires banked in two boilers. Average steam pressure 30 lbs. Temp of bunkers 80°. Distilling.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Weather warm and misty. Calm. Light airs from N. E. latter part of watch. At 8, sent up top gallant masts and light yards.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear warm and pleasant. Light airs from N. and E. At 9.30, inspected at quarters. Exercised 1<sup>st</sup> and 2<sup>nd</sup> Divisions at single sticks, Marine Guard at small arms. Cleaned bilges. Gunners gang engaged in saboting and strapping shells. John Tunny (Lds) confined in double irons, by order of Commanding Officer, for neglect of duty and being insolent to the Officer of the Deck. By order of Commanding Officer, George N. Fisher (1.C.B.)Was released from prison are at large. Steam in two boilers. Average pressure 30 lbs. Temp of bunkers 88°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and warm. Moderate breeze from N. and E. Steam pressure 30 lbs. Temp of bunkers 88°. Barometer falling slowly.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy and pleasant. Light airs from N.N.E. At sundown sent down top gallant masts and light yards. Steam two boilers. Steam pressure 30 lbs. Temp of bunkers 88°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from N. and E. shifting to N. and W. Average steam 26°. Temp of bunkers 90°. Distilling in operation.

(Signed) J. K. Cogswell Lieut

(signed) Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				N by W	0-1		29.88	79	80	79		bc	Cum	1		
2				calm	0		29.87	"	ш	"		44	44	4		
3				"	"		29.86	81	81	80		ш	u	9		
4				ш	u		и	79	"	79		ш	ш	u		
5				"	"		u	"	u	80		bcm	ш	1		
6				"	u		u	"	44	81		ш	ш	и		
7				44	u		и	80	и	"		om	ш	0		
8				"	"		ш	81	ш	82		ш	ш	и		
9				ENE	1-2		и	82	83	81		bc	ш	2		
10				E by N	1		u	"	84	82		ш	ш	и		
11				"	1-2		29.84	"		"		44	Cir	4		
				E	2		29.80	44	"	u		ш	Cum "	6		
Noon				E	2		29.80							ь		
Distan	ce run by	y Log	since pre	eceding No	on						k	nots	fa	athoms.		
Latitud	de by D. I	R. at I	Noon									0		•	ш	
Longit	ude by D	). R. a	t Noon									0		•	ш	
Latitud	de by Ob	serva	tions at N	loon ⊙								0		4	ш	
Longit	ude by C	hrono	meter fro	m Foreno	on Obser	vation	ıs ⊙					0		4	и	
Currer time	nt during	the		knot	s	f	ms. per l	hour, se	tting to	the						
	ion of the	Com	pass by	Amplitude	⊙ observ	ed at	Sunrise					0		"	и	
				Azimuth								0			и	
Water	expende	d dur	ing the p	receding 2	4 hours									244 g	allons.	
Water	cond	lense	d		during	the pr	receding	24 hou	rs					73	0 "	
Water	remainin	ng on	hand fit fo	or me at N	oon									180	9 "	
Coal	consume	d duri	ng the pre	eceding 24	hours							1	tons	895	lbs.	
Coal r	emaining	on h	and at No	oon								99	44	1130	и	
P,M.																
1				E by N	2		29.79	83	85	83		bc	Cir Cum	7		
2				ENE	"		29.77	84	86	84		u	"	6		
3				"	"		29.75	83	85	83		u	ш	5		
4				"	"		29.74	"	ш	"		"	ш	и		
5				E by	u		29.68	и	84	82		ű	ш	и		
6				"	1-2		29.70	44	"	"		u	ш	6		
7				"	u		29.71	"	83	"		u	ш	8		
8				SSE	0-1		29.72	82	и	"		44	ш	u		
9				"	2		29.73	83	ш	"		"	ш	9		
10				"	3		"	82	и	"		"	"	8		
11				"	u		29.74	"	44	"		"	u	и		
Mid.				S	и		u	ш	и	44		ш	ш	ш		
Longit	ude by C	'hron	meter fr	om Afterno	on Obser	vation	ne (0)					0		4	u	
	•			bservation:		•auoi			3	*		0			и	
-				Amplitude	-		oh	served	at Suns			0			"	
	ion of the						31.	at	50116			0		,	u	
			/													

Commences and until 4 A.M. Clear and pleasant. Light airs from N. and W. first hour, calm rest of watch. Bright moonlight. Steam in two boilers. Average pressure 30 lbs. Temp of bunkers 88°. Distilling. John P. Marker (1.C.B.) stood four hours extra duty by order of Commanding Officer.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Overcast. Warm. Misty. Calm. Cum. clouds. At 8, Sent up top gallant masts and crossed topgallant yards. Steam two boilers. Average steam pressure 30 lbs. Temp of bunkers 88°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Warm weather. Clear after first hour. Gentle breeze from the E. Inspected at quarters at 9.30. Drilled at fire quarters, and first and second Divisions at pistols. Placed Thomas Madden (1.C.B.) in solitary confinement on bread and water, by order of Commanding Officer, for being disrespectful to the Officer of the Deck. Steam pressure 30 lbs. Temp of bunkers 98°.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light E.N.E. breeze. Cir Cum clouds. Banked fires in two boilers. Average steam pressure 30 lbs. Temp of bunkers 94°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Warm, hazy about horizon. Light E[aster]ly breeze. Barometer unsteady, falling during first hour and rising after 5.30. Send down light yards at sunset.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Heavy dew. Light S. S. E. breeze. Cir Cum clouds. Banked fires in two boilers. Average steam pressure 30 lbs. Temp of bunkers 90°. Distilling.

(Signed) Richard G. Davenport Lieut.

(signed)Asa Walker, Lieut. Navigator.

				WINE	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				SSW	0-1		29.74	82	82	81		bc	Cum	7		
2				" O h	"		29.72	81	и	ш		и	и	ш		
3				S by W	1		29.70	"	"	ш		ш	ш	и		
4				и	2		и	44	и	и		bcm	" Cir	5		
5				и	3		29.68	80	80	80		"	Cir Cum	и		
6				u	u		29.69	"	"	ш		44	u	5		
7				S "	4		u		и	ш		bc "	Cir "	6		
8 9				u	u		29.65	82	83	82			u	8		
10				44	3		29.63	83	84	"		"	и	ш		
11			*	и	"		29.72	"	85	83		"	и	ш	*	Need Mer, Bac, Air, Bar,
Noon							20.72		00	00						not showing correct height.
				ceding No	on							knots	f	athoms.		
	de by D.											0		•	и	
_	ude by E											0			"	
			tions at N	m Foreno	on Ohse	rvatio	ns 0					0			и	
_	nt during		officier fre	Knot			fms. per l	nour se	tting to	the						
time Variati	ion of the	Com	nace hy	Amplitude				ioui, sc	tung to	uic		0		"	и	
				Azimuth ⊙			Ourinsc					0		u	и	
				eceding 2										245 ga	allons.	
Water	cond	dense	d		during	the p	receding	24 hour	s					730	o "	
Water	remainir	ng on	hand fit fo	or me at No	oon									2294	4 "	
Coal c	onsume	d duri	ng the pre	eceding 24	hours							1	tons	1335	lbs.	
Coal re	emaining	g on h	and at No	oon								97	ш	2040	и	
P,M.																
1			;	SSE	2		29.73	86	88	85		bc	Cir Cum	8		
2			;	SE	u		29.70	88	90	87		u	"	9		
3			;	SE by E	u		29.67	"	и	и		ee	u	7		
4				SSE	3		29.64	"	89	86		44	u	6		
5			I	E	u		29.61	87	88	и		ш	ш	и		
6 7					2		29.63	84	86	84		"		7		
<i>7</i> 8					u		29.64 29.67	83	85	82		44	и	8		
9				SE	3		29.73	84	"	81		44	u	9		
10				,	4		29.68	"	84	"		u	и	u		
11			;	SE by S	3		"	"	82	79		u	и	"		
Mid.				S by E	u		29.67	u	и	78		и	ш	и		
Longit	ude by C	Chrono	ometer fro	om Afterno	on Obse	rvatio	ns ⊙					0		4	"	
				oservations					>	k		0			"	
				Amplitude			ob	served	at Suns	et		0		4	44	
Variati	ion of the	e Com	pass by					at				0		•	и	

Commences and until 4 A.M. Clear and pleasant during first part, overcast and misty during last hour. Light airs from S. and W. Barometer falling. Average steam pressure 30 lbs. Temp of bunkers 90°. Distiller in operation.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Pleasant first part with slight mist, latter part clear. Moderate breeze from S. Barometer steady. Steam in two boilers. Pressure 30 lbs. Temp of bunkers 88°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Warm. Moderate S[outher]ly breeze. At 11, Commenced entering barometrical heights in log for mercurial barometer, aneroid barometer, not showing correct height. Banked fires in two boilers. Average steam pressure 30 lbs. Temp of bunkers 91°. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant, with light breeze from S. and E. Barometer falling slowly. Thomas Madden (1.C.B.) released from confinement and restored to duty. Steam in two boilers. Pressure 30 lbs. Temp of bunkers 92°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Warm. Hazy. Moderate breeze from E. Cir Cum clouds. Banked tires in two boilers. Temp of bunkers 80°. Steam pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant, with moderate breeze from S. and E. Fires banked in two boilers. Pressure 30 lbs. Temp of bunkers 92°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

(signed) Asa Walker, Lieut. Navigator.

				WINE	IS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		Ctoto	
Hour.	Knots.	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				S	2		29.63	78	81	79		bc	Cir Cum	9		
2				SSW	3		29.60	"	"	"		и	"	u		
3				и	и		29.61	77	79	78		**	ш	u		
4				SW	u		29.62	"	"	"		u	u	"		
5				N	0-1		29.67	78	80	79		"	u	8		
6				u	1		29.73	79	82	80		"	ш	"		
7				ш	2-4		u	80	"	"		"	Cum	9		
8				NW	2		29.86	82	и	"		u	и	u		
9				NNW	и		и	"	83	81		"	Cir	u		
10				ш	1-2		29.85	44	84	82		"		u		
11				NW	1		и	44	и	"		u	Cir Cum	u		
Noon				u	3		29.94	83	85	"		ш	Cum	u		
Distance	run by	Log	since p	receding No	on						H	nots	fa	thoms.		
Latitude	by D. F	R. at I	Noon									0	•	ı	и	
Longitud	le by D.	. R. a	it Noon									0	•		ш	
Latitude	by Obs	erva	tions at	Noon ⊙								0	•	ı	и	
-			ometer f	rom Foreno	on Obse	rvatio	ns ⊙					0	•		ш	
Current of time	during t	the		knot	s		fms. per l	hour, se	tting to	the						
Variation	of the	Com	pass by	Amplitude	⊙ observ	ved at	Sunrise					0		4	ш	
Variation	of the	Com	pass by	Azimuth ⊙	observe	d at						0		4	и	
Water ex	kpende	d dur	ing the	preceding 2	4 hours									245 g	allons.	
Water	conde	ense	d		during	the p	receding	24 hou	rs					73	O "	
Water re	mainin	g on	hand fit	for me at N	oon									277	9 "	
Coal con	sumed	duri	ng the p	receding 24	hours							1	tons	1425	lbs.	
Coal rem	naining	on h	and at N	loon								96	es	615	и	
P,M.																
1				NW	3		29.84	83	85	82		bc	Cum	9		
2				u	и		29.85	84	и	"		44	и	"		
3				N	и		29.84	"	86	83		44	и	"		
4				NNE	и		29.82	85	87	"		44	ш	u		
5				N	2		29.81	"	"	84		44	ш	u		
6				"	3		29.82	84	85	82		"	Cir Str	8		
7				44	2		29.85	85	83	80		44	Str	"		
8				u	и		29.87	"	и	"		44	и	9		
9				u	и		и	u	82	"		bcw	ш	u		
10				"	u		u	44	"	"		"	ш	"		
11				WSW	1		29.90	"	"	"		ш	ш	"		
Mid.				и	ш		u	ш	ш	"		ш	ш	u		
Longitud	le by Cl	hrono	ometer f	rom Afterno	on Obse	rvatio	ns ⊙					0		ı	ш	
•	•			Observation					:	*		0		4	u	
				Amplitude			ob	served	at Suns	set		0		4	u	
Variation								at				0			"	

Commences and until 4 A.M. Clear sky. Pleasant to come along with light S[outher]ly breeze. Cir. Cum. clouds. At 2.45, moon rose. Banked fires in two boilers. Temp of bunkers 92°. Average steam pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear, pleasant. Light wind from N. and W. At 8, crossed topgallant yards. Jeremiah O'Brien (1.C.F.) and Walter Carter (1.C.F.) ashore after their leave had expired. Steam in two boilers. Average pressure 35 lbs. Temp of bunkers 94°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light airs from N. and W. At 10 Commanding Officer inspected ship and crew. Held Divine Service. John C. Kirk (O.S.2C.) Was confined in double irons, by order of Commanding Officer, for disobedience of orders. Fires banked in two boilers. Pressure 30 lbs. Temp of bunkers 90°

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear, warm. Moderate breeze from N.W. first two hours, afterwards from N. and E. Steam in two boilers. Average pressure 25 lbs. Temp of bunkers 94°. Distilling. Jeremiah O. Brien (1.C.F.) returned to the ship.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light breeze from N. Fires banked in two boilers. Pressure 30 lbs. Temp of bunkers 94°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and pleasant. Light airs from N. first two hours, afterwards from W. S. W. Heavy dew. Steam in boilers. Average pressure 25 lbs. Temp of bunkers 96°. Distilling.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

					WINE	os.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hou	ır.	Knots.	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,N	M.																
1					Calm	0		29.88	82	89	79		bc	none	10		
2					WSW	0-1		29.84	"	"	u		"	"	"		
3					ш	"		29.80	80	"	78		bcm	Cum	9		
4					"	2		29.82	"	79	76		bcf	"	8		
5					ESE	1-2		29.88	76	78	78		bc	"	7		
6					E "	"		29.87	77	80	79			u	9		
7					u	u		29.85	78	81			u	u	"		
8								29.85	79	44	ш			 Cir			
9					"	2		ш	"	а	ш		"	Cum	"		
10	)				"	u		"	"	u	u		"	ш	"		
11	1				"	u		"	"	u	u		"	ш	"		
Noo	on				и	u		u	"	ш	и		es	ш	u		
					receding No	oon						١	nots °	fa	athoms.	4	
		by D. F											0				
		de by D											0				
					Noon ⊙	01	4:	0					0				
	-	de by C during		ometer 1	from Forence								· ·		•		
tim		during	uic		kno	is		fms. per	hour, se	etting to	the						
					y Amplitude			Sunrise					0		ш	"	
					y Azimuth ©		d at						0		4	"	
				-	preceding 2											gallons.	
Wa		cond				-	the p	receding	24 hou	rs					14		
					for me at N										267		
					oreceding 24	hours								tons "	495	lbs.	
Co	al re	maining	on h	and at I	Noon								96		120	-	
P,N	И.																
1					E	2		29.82	79	82	80		bc	Cum	9		
2					ENE	3		"	"	83	81		"	Cir Str	"		
3					u	4		u	"	"	"		ш	ű.	"		
4					u	"		29.80	"	"	"		44	"	"		
5					E by	"		"	80	"	"		44	Cir	7		
6					N "	"		29.78	"	"	80		44	Cum			
7					и	3		29.77	"	ш	"		44	"	8		
8					ESE	4		"	"	82	"		44	"	9		
9					"	"		29.75	82	"	"		44	Cir	"		
10					u	"		29.75	"	"	"		44	"	"		
11					SE	2		"	"	81	"		u	u	"		
Mic					calm	0		29.73	u	"	"		ш	ш	u		
l or	naitu	de bv ∩	hron	ometer t	from Afterno	on Ohse	rvatio	ns ⊙					0			44	
	-	•			Observation					:	*		0			"	
	-				y Amplitude	-		oh	served				0			"	
		n of the						3.	at		-		0			u	

Commences and until 4 A.M. Clear and pleasant, with light airs from W. S. W. Foggy during last hour of watch. Fires banked in two boilers. Steam pressure 25 lbs. Temp of bunkers 90°. Stopped distilling at 2.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Pleasant weather, hazy. Light variable breeze. Hauled fire under two forward boilers. At 8, loosed sail and crossed topgallant yards.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light airs from S. and E. At 9.30, exercised at General Quarters. Divisions cast loose as follows. Marine Guard 30 s. Engineers Div, 1 m 10 s. 1<sup>st</sup> Div, 1 m 30 s. 2<sup>nd</sup> Div, 2 m. Navigation Div, 2 m 2 s. Powder Div, 2 m 53 s. Surgeons Div, 2 m 53 s. Secured at 9.46, in 3m 8 s. By order of Commanding Officer, Midshipman Richard Henderson was placed under arrest to await action of Commander in Chief, for disgraceful and disorderly conduct on shore. By same order, John Tunny (Lds) was released from confinement and restored to duty. Temp of bunkers 88°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from the E freshening towards end of watch. Raised the stream anchor and shifted in further astern. Carpenter gang engaged in fitting rail stanchions on poop and painting inside of hatch coamings. Temp of bunkers 89°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from E first three hours of watch, hauling to S and E. at sundown sent down topgallant yards. Temp of bunkers 80°. By order of Commanding Officer, gave James Gillespie (O.L.2C.) And M. W. Moore (1.C.B.) each two hours extra duty for fighting.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Pleasant weather, calm. Fresh breeze first part of watch from S and E. Calm latter part.

(Signed) J. K. Cogswell Lieut.

(signed) Asa Walker, Lieut. Navigator.

		WINDS	š.		BAROME	ETER.	TE	EMPERATI	JRE.	State of	Forms of	<u>.</u> .	State	
Hour. Knots.	Cours es [ steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.														
1		calm	0		29.74	79	80	79		bcw	Cir Cum	8		
2	,	и	"		29.72	ш	ш	и		u	"	ш		
3	:	S	1		29.70	u	**	и		ш	44	u		
4			2		"	"	"	u		u	"	"		
5	(	calm	0		29.72	u	**	и		bcm	44	u		
6			"		29.74	u	81	u		"	"	7		
7	;	SW	1		29.76	44	"	80		ш	"	6		
8	1	NW	2		"	"	82	82		"	44	ш		
9		ш	1		29.78	44	ш	80		bc	"	7		
10			"		"	80	44	и		44	"	"		
11		NNW	1-2		29.79	ш	84	82		ш	"	9		
Noon	,	u	"		29.79	ш	ш	и		ш	и	ш		
Distance run by Log s	since prec	eding No	on						ı	knots	fa	ithoms.		
Latitude by D. R. at N	loon									0			и	
Longitude by D. R. at	Noon									0			и	
Latitude by Observati	ons at No	on ⊙								0			и	
Longitude by Chronoi	meter fron	n Forenoo	n Obser	vatior	ns ⊙					0			и	
Current during the time		knots	3		fms. per h	our, se	tting to t	he						
Variation of the Comp	ass by Ar	mplitude (	observ	ed at	Sunrise					0		4	"	
Variation of the Comp	ass by Az	zimuth 💿	observed	l at						0		4	ш	
Water expended duri	ng the pre	ceding 24	hours									245 ga	allons.	
Water			during	the p	receding :	24 hour	s						"	
Water remaining on h	and fit for	me at No	on									2430	) "	
Coal consumed durin			hours								tons	275	lbs.	
Coal remaining on ha	ind at Noo	on								95		2085		
DM														
P,M. 1		NE	2		29.76	81	84	82		b	none	10		
2		"	3		"	"	"	"		u	"	"		
3		NNE	4		"	ш	83	81		bm	"	ш		
4		N	"		29.75	82	"	u		44	44	"		
5		ш	3		29.77	"	"	u		b	44	"		
6		u	4		29.79	80	82	80		bc	Cum	9		
7		ш	u		29.82	"	ш	и		44	44	7		
8		ш	u		29.84	"	ш	и		44	44	ш		
9		u	"		29.88	u	ш	ш		"	Cum Nimb	"		
10		"	"		29.91	"	"	u		"	"	5		
11		44	3		"	81	"	и		44	44	4		
Mid.		"	"		"	"	ш	44		u	u	2		
Longitude by Chronoi	meter from	n Afternoo	n Obser	vatior	ns ⊙					0			44	
Longitude by Chronoi							*			0		•	"	
Variation of the Comp		mplitude			ob	served a	at Sunse	et		0		•	"	
Variation of the Comp	ass by					at				0		•	"	

Commences and until 4 A.M. Clear and pleasant. Calm first half, light land breeze latter half of watch. Temp of bunkers 94°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Cloudy. Cool. Pleasant. Light variable breeze. Cir. Cum. clouds. At 8, crossed topgallant yards. Temp of bunkers 94°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather clear and warm. Light breeze from N and W. Walter Carter (1.C.F.) returned on board, having been absent without leave forty eight hours. Inspected at quarters at 9.30. Released John C. Kirk (O.S.2.C.) from confinement. Sent a party ashore for sand. Carpenter gang engaged in fitting pier- rail on poop.

(Signed) J. Keppel F. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Moderate N breeze. Hazy. Temp of bunkers 85°.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 P.M. Pleasant weather. Fresh breeze from N. Barometer rising. At sunset sent down topgallant yards. Temp of bunkers 84°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Cloudy. Cool. Pleasant. Heavy dew. Cum Nimb clouds. Moderate N[orther]ly breeze. Temp of bunkers 84°.

(Signed) Richard G. Davenport Lieut.

(signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Island of Sacrificios, Mexico WINDS. BAROMETER. Slat Forms of Slate

			WIN	DS.	BAROM	ETER.	Т	EMPERAT	URE.					
Hour.	Knots.	Cours es steere d.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	Stat e of the We athe r by sym bols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.										•				
1			N	2	29.91	81	81	80		bc	Cum	7		
2			u	"	29.89	u	"	"		**	Cum Nimb	1		
3			"	1-2	29.80	"	"	82		ос	"	0		
4			"	1	29.86	"	"	"		"	ш	"		
5			"	"	29.82	44	"	ш		ш	Cir Cum	u		
6			"	"	u	80	80	80		"	Cir Nimb	"		
7			u	ш	u	"	ш	ш		44	ш	"		
8			u	"	u	u	"	"		"	ш	"		
9			NNE	"	29.81	81	82	"		bc	Cir Cum	1		
10			NE	u	29.80	"	"	81		**	ш	4		
11			ENE	2	29.79					"	ш	"		
Noon			u	3	29.78					и	ш	2		
Distant												-41		
			oreceding N	0011					K	nots	I.	athoms.	"	
	e by D. R. a ıde by D. R									0		,	"	
	e by Obser									0			и	
			from Forence	oon Ohser	vations •					0			"	
-	t during the		kno		fms. per	hour ea	atting to	the						
time	on of the Co					iloui, se	tung to	uic		0		ш	и	
					ed at Sunrise					0		u	ш	
			y Azimuth @		ıaı							240 a	allone	
Water	expended o	iuiliig lile	preceding 2		the preceding	24 hou	rs					249 y	allons.	
Water r	remaining o	n hand fit	t for me at N	_								218	1 "	
			preceding 2							2	tons	305	lbs.	
Coal re	emaining on	hand at	Noon							93	ee	1780	u	
P,M. 1			ENE	2	29.76	84	86	84		bc	Cir Cum	4		
2			"	"	29.70	"	87	"		"	"	5		
3			E by N	3	29.68	"	86	83		"	ш	4		
4			"	"	29.67	u	"	"		"	ш	3		
5			u	"	"	83	ш	и		"	Cum	1		
			и	ш	и	82	85	u		•	Nimb "			
6 7			E	"	и	0Z "	"	"		0	ш	0		
8			E by S	"	29.66	"	ш	и		"	ш	"		
9			ESE	"	29.71	"	84	82		bc	Cir Cum	3		
10			"	"	"	u	"	"		"	Cum	8		
				2	20.00	"	00			"	Nimb			
11 M:d			S by E	2	29.68	u	83	81		"	Cum	9		
Mid.			S	3	29.66		82	80			none	10		
Longitu	ide by Chro	nometer	from Aftern	oon Obser	vations ⊙					0			"	
Longitu	ide by Chro	nometer	Observation	ns			:	*		0		•	"	
Variatio	on of the Co	mpass b	y Amplitude	!	ob	served	at Suns	set		0			"	
Variatio	on of the Co	ompass b	у			at				0		•	"	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant during first hour, afterwards overcast and cloudy. Light airs from N. Barometer falling. Temp of bunkers 86°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast, with light airs from N. Barometer study. At 5.15, started fires under four main boilers. Hove up starboard anchor and hove in to 20 fathoms on port chain. Lifted stream anchor and hoisted it in board. At 8, crossed topgallant yards. Temp of bunkers 86°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Cloudy. Warm. Light N.E[aster]ly breeze. Cir Cum clouds. At 9.15, steam reported ready. At 9.30, got underway. Steam in four boilers. At 10, came to with starboard anchor in 3 fathoms water off Vera Cruz. Moored with 15 fathoms on port chain, 20 fathoms on starboard and a catch from starboard quarter with 45 fathoms chain. S. W. end of Gallaga reef bore (pc) N.N.E. Bastion of Castle in line. Let steam died out in two boilers. Banked fires in two and Commenced distilling. Temp of bunkers 104°. Average steam pressure 60 lbs. Draught forward 13 feet 8 inches. Amidships 14 feet 6 inches. Aft 15 feet 8 inches. At 11.30 Pilot left the ship.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from E. Barometer falling. Distilling. Steam in two boilers. Temp of bunkers 100°.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Overcast. Warm. Light E[aster]ly breeze. Cum Nimb. Clouds. At sunset sent down top gallant yards. Banked fires in two boilers. Ever steam pressure 30 lbs. Temp of bunkers 100°.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Light breeze from S and E. Fires banked in two boilers. Steam pressure 35 lbs. Temp of bunkers 100°. Distilling.

(Signed) Wainwright Kellogg Lieut.

> (signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WINE	os.	BAROMETER.			Т	EMPERAT	JRE.	State of	Forms of	h	State of	D 1611 1111 11
Hour.	Knots.	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				S			29.66	82	82	89		bc	Cum	7		
2				u	"		29.66	80	"	"		"	"	8		
3				"	"		29.63	78	81	79		ш	44	и		
4				и	ш		29.64	77	80	78		и	"	и		
5				ш	и		ш	78	79	77		ш	"	7		
6				"	"		29.69	"	78	76 "		"	и	5		
7							29.70	77 "		"				2		
8				"	3		29.68		79			"	Cir			
9								79	83	79			Cum	5		
10				" CE bu	и		29.69	80	84	81		ш	ш	и		
11				SE by S	ш		и	82	86	ш		и	"	4		
Noon				N	5-7		29.75	83	84	и		bcq	Cum Nimb	3		
				receding No	oon						kr	ots	fa:	thoms.	"	
	de by D. I											0				
-	ude by D			Noon @								0			"	
	de by Ob			rom Forence	on Ohser	vation	ns (i)					0			"	
-	nt during		Jilicici i	kno			fms. per l	hour or	tting to	tho						
time		0						iloui, se	itting to	uie		0	u		"	
				Amplitude Azimuth •			Surinse					0			"	
				preceding 2		u at								245 n	allons.	
Water		lense	-	preceding 2		the p	receding	24 houi	rs					60		
				for me at N	_	шо р	· occumig	211100						253		
				receding 24								2	tons	2225	lbs.	
	emaining											90	" 1	1795	44	
5.4																
P,M. 1				N	5-6		29.77	83	85	82		bcq	Cir	4		
2				"	ű-ű		"	84	"	"		"	Cum "	5		
3				44	6-8		29.75	83	84	81		ш	"	8		
4				"	7-9		29.76	"	"	80		и	Cum	1		
5				44	"		29.75	"	82	79		ш	Cum	2		
-				"	u			00	"	"		и	Nimb "			
6 7				и	"		29.78 29.82	82 80	80	76		и	ш	1		
8				и	"		29.83	79	"	"		oq	ш	0		
9				ш	"		29.93	78	"	"		"	ш	"		
10				u	"		29.97	"	"	"		bcq	44	2		
11				"	5-7		30.00	"	79	"		oq	"	0		
Mid.				и	и		30.01	"	"	u		bcq	u	3		
Longit	ude by C	hron	ometer f	rom Afterno	on Obse	vatio	ns ⊙					0	,		"	
-				Observation					:	*		o	,		u	
Variati	ion of the	Com	pass by	Amplitude			ob	served	at Suns	set		0			ш	
Variati	ion of the	Com	pass by	'				at				0	4		и	

Commences and until 4 A.M. Clear. Cool. Pleasant. Light dew and land breeze. Starlight. Cum. clouds. Banked fires in two boilers. Steam pressure 25 lbs. Temp of bunkers 101°. Distilling.

(Signed) Richard G. Davenport
Lieut.

From 4 to 8 A.M. Clear and pleasant. Light S[outher]ly breeze. Fires banked in two boilers. Average pressure 25 lbs. Temp of bunkers 98°. Lowered smoke pipe.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. First part of watch clear and pleasant, with moderate breeze from S. At 11.15, wind shifted to N and at 11.30, increased to fresh breeze. Veered to 30 fathoms on both chains and let go sheet anchor. Started fires in two main boilers. Barometer low, rising last hour. Blowing a fresh breeze from N. at end of watch. Temp of bunkers 98°.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate gale from N. Squally. At 3 sent down top gallant masts. Veered to 60 fathoms on each bower and 30 fathoms on sheet chain. Carried stern fast forward and took in slack. Secured the guns. Rigged in boats and passed gripe. Counter braced the yards. Hoisted smoke stack and got up steam in four boilers. American Mail Steamer "City of Havana" came in and anchored. Stopped distilling at 3.40. Average pressure 60 lbs. Temp of bunkers 102°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Wind gradually increased from moderate to fresh gale from N. Barometer rising. Braced by yards by port braces. Shifted stream chain from stern to port bow. Steam in four boilers. Average pressure 55 lbs. Temp of bunkers 108°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Blowing a moderate gale from N. Moderate sea. Steam in four boilers. Average pressure 55 lbs. Temp of bunkers 105°. Distilling.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns,

				WINE	os.		BAROM	ETER.	7	TEMPERAT	URE.	Stat	Forms of		Ctr	Diata
Hour.	Knots.	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	e of the We athe r by sym bols	Forms of Clouds, by symbols.	Prop. of Clear Sky,	o th	Record of the sail the vessel i under at end of watch.
A,M.																
A,IVI. 1				N	6-8		29.98	79	79	77		oq	Cum Nim	b 0	m	n
2				u	"		29.96	78	"	76		"	u		"	
3				ш	5-7		"	"	ш	"		"	и	"	ш	
4				u	4-6		29.94	"	и	"		"	и	"	"	
5				u	4-5		29.99	"	ш	44		"	и	"	"	
6				u	"		30.04	"	ш	ш		bcq	и	1	ш	
7				и	"		u	77	ш	44		"	Cir Cum	2	ш	
8				и	u		30.08	"	ш	44		u	Nimb "	1	44	
9				u	"		30.12	78	78	"		ocq	Cum Nim		"	
10				и	"		30.13	79	79	44		"	u	"	ш	
11				u	"		u	"	ш	44		bc	Cir Cum	5	"	
Noon				ш	u		30.14	80	80	ш		ш	ш	8	"	
Distanc	ce run by l	_og	since pro	eceding No	oon							knots	f	athoms.		
	e by D. R.											0		•		и
	ide by D.											0		4		ш
	e by Obse											0		•		и
-			meter fr	om Forenc	on Obser	vation	s o					0		•		ш
time	t during th	E		kno	ts	f	ms. per l	nour, se	etting to	the						
Variation	on of the C	Com	pass by	Amplitude	<ul><li>⊙ observe</li></ul>	ed at	Sunrise					0		ш		и
Variation	on of the C	Com	pass by	Azimuth ©	observed	l at						0		ш		и
Water	expended	duri	ing the p	receding 2	4 hours									245 (	gallor	ons.
Water	conde				-	the pr	eceding	24 hou	rs					30		ű
	-			or me at N										259		ш
			-	eceding 24	1 hours							2	tons	1295	lbs	os.
Coal re	emaining o	n na	and at N	oon								88		500		
P,M.																
1				N	4-5		30.09	77	79	76		bc	Cir Cum	4	S	3
2				44	"		u	"	ш	44		"	ш	2	"	
3				"	3-4		30.07	"	ш	"		ос	cium Nimb	0	"	
4				44	"		30.06	"	и	44		"	и	"	ш	
5				44	"		30.12	78	79	75		"	и	"	ш	
6				"	3		30.09	77	77	"		"	и	"	"	
7				44	u		30.07	"	и	74		и	и	"	ш	
8				44	"		30.11	78	ш	44		"	ш	"	"	
9				"	u		u	"	и	u		и	ш	"	"	
10				u	2-3		30.12	75	ш	75		"	и	ш	44	
11				"	"		u	"	**	"		"	"	u	44	
Mid.				es	2		ш	"	66	и		ш	и	ш	44	
Longitu	ude by Ch	rono	meter fr	om Afterno	on Obser	vation	ıs ⊙					0		•		и
				bservation						*		0		•		ш
				Amplitude			ob	served	at Suns	set		0		•		ш
Variation	on of the C	Com	pass by					at				0		4		и

Commences and until 4 A.M. Wind blowing a moderate gale from N. Wind gradually decreasing to a fresh breeze. Steam in four boilers. Pressure 56 lbs. Temp of bunkers 100°. Barometer falling slowly. Sea moderate.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Weather cloudy, pleasant. Fresh breeze from the N. Barometer rising. Banked fires in four boilers. Mail Steamer "City of Mexico" arrived from New Orleans. Moderate swell from the N. Ship rolling 9° and 15°. Steam for pressure 50 lbs. Temp of bunkers 98°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Cloudy and pleasant. Strong wind from N. Squally. Liberty party returning on board. Hove in to 45 fathoms on each bower chain. Banked fires in four boilers. Average pressure 30 lbs. Temp of bunkers 8°. Ship rolling 9° to 12°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Overcast. Moderate breeze from N. Long swell from N. Maximum roll of ship 15° to port. Scraped spars. Steam pressure 30 lbs. Temp of bunkers 106°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Pleasant. Light breeze from N. Hove in to 30 fathoms on each bower chain and hove in slack of sheet chain. Carried stream chain asked and secured at 45 fathoms. Banked fires in four boilers. Steam pressure 30 lbs. Temp of bunkers 100°. Rolling heavily. Pedean Olsen (Sea) John Pettit (O.S.2.C.) and Patrick Mourley (1.C.B.)returned from liberty.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast. Light breeze from N. Ship rolling about 4° to 15°. The port life buoy was carried away by the stern fast getting foul of the spindle. Temp of bunkers 100°. Steam pressure 30 lbs. Got kedge ready for letting go over stern.

(Signed) J. K. Cogswell Lieut.

(signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WINDS			BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sec. in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				NW by N	2		30.06	76	76	74		ос	Nimb	0		
2				NNW	3		ш	75	"	"		bc	Cum Nimb	"		
3				"	"		30.02	"	**	u		"	"	ш		
4				u	u		и	"	**	u		ос	Nimb	0		
5				"	и		30.10	"	**	ш		"	ш	ш		
6				u	1-2		30.17	74	74	73		ocd	u	и		
7				u	u		и	"	**	u		ос	Cum Nimb	u		
8				NW by N	и		ш	"	44	ш		or	"	ш		
9				NW	u		30.15	75	75	74		od	u	u		
10				u	"		ш	"	"	"		ос	ш	"		
11				"	и		ш	74	**	73		"	ш	ш		
Noon				ш	и		66	и	76	74		66	Cir Cum Nimb	ш		
Dieten			ainaa	neogodina No								un ata	-	uth a ma		
	de by D.			preceding No	on						'	knots °	Ta	thoms.	"	
	ude by D.			,								0		4	"	
-				ıt Noon ⊙								0		4	и	
				from Foreno	on Obsei	rvation	ıs ⊙					0		4	"	
Currer	nt during			knot			ms. per	hour se	ettina to	the						
time	ion of the	Com	nace k	y Amplitude				riour, oc	itting to	uic		0			"	
				y Azimuth ⊙			Outilise					0			"	
				preceding 2		<b>.</b>								246 ga	allons.	
Water				- p		the pi	receding	24 hou	rs					3-	u	
Water	remainir	ng on	hand f	it for me at No	_		Ū							2343	3 "	
				preceding 24								2	tons	305	lbs.	
Coal r	emaining	on h	and at	Noon								86	ш	195	ш	
P,M.																
1				NW	2		30.12	74	76	74		0	Cum	0		
2				N	ш		30.10	"	"	и		"	Nimb "	"		
3				NE	ш		30.08	"	77	76		44	"	"		
4				ESE	"		30.05	"	**	76		**	ш	"		
5				E	"		30.06	"	"	75		ОС	u	"		
6				44	и		30.08	"	44	и		ш	u	"		
7				ш	u		30.10	75	78	76		44	44	"		
8				"	"		30.14	77	"	77		"	и	"		
9				ESE	4		и	u	**	u		ofc	и	"		
10				ш	3		ш	"	"	"		"	44	"		
11				SSE	2		30.15	"	77	76		"	и	u		
Mid.				ш	u		30.16	ш	"	ш		и	и	"		
Longit	ude by C	hrono	ometer	from Afterno	on Obse	rvation	ıs ⊙					0		4	44	
Longit	ude by C	hrono	ometer	Observations	3				:	*		0		•	и	
Variati	ion of the	Com	pass t	y Amplitude			ob	served	at Suns	set		0		•	ш	
Variati	ion of the	Com	ipass b	ру				at				0		•	"	

Commences and until 4 A.M. Cloudy but pleasant, with light wind from N. N. W. Ship rolling from 15° to 8°. Long swell from N. Veered a couple of fathoms on sheet chain to ease strain. Fires banked in four boilers. Steam 30 lbs. Temp of bunkers 102°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Overcast. Drizzling. Thick. Moderate N[orther]ly breeze, Nimb clouds. At 7.30, hove up and catted and fished sheet anchor. Hove in 30 fathoms shackle to bitt on starboard chain. Banked fires in four orders. Average pressure 30 lbs. Temp of bunkers 102°. Moderate swell, ship rolling easily. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast. Drizzling rain first part of watch. Light breeze from N. Raised stream anchor and shifted it astern. Sent liberty party ashore on twenty four hours liberty. Hove in port chain to 23 fathoms. Steam pressure 30 lbs. Temp of bunkers 98°.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Cool. Pleasant. Light N. E. breeze. At 4, hove up starboard anchor and shifted berth. A man was brought from U.S. Mail Steamer "City of Mexico" for medical advice which was given. Cum Nimb. clouds. At 3.30, brought to and hove up port anchor and in to 15 fathoms on starboard chain. Spread the fire under four boilers. Average pressure 25 lbs. Temp of bunkers 106°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast and pleasant. Light E. breeze. At 4, hove up starboard anchor and shifted berth. Let go both bowers, veered to 20 fathoms on starboard chain and 15 on port. S. W. end of Gallega bore N. E. by N. N. W. Bastion of Castle N. W. from new anchorage. Allowed fire to die out. Distilling. Steam pressure 40 lbs. Temp of bunkers 98°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast. Cool. Pleasant. Passing showers Cum. Nimb. clouds. Light S. E. breeze. Banked fires in four boilers. Steam pressure 35 lbs. Temp of bunkers 104°. Distilling.

(Signed) Richard G. Davenport
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WIND	S.		BAROM	ETER.	Т	EMPERAT	URE.						
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	St 6 0 th Se	e of ne	Record of the sail the vessel is under at end of watch.
A,M																	
1				WNW	0-1		30.18	75	76	75		ос	Cum Nimb	0			
2				u	"		30.16	u	77	и		bc	ш	1			
3				u	1		30.14	74	и	и		u	ш	2			
4				ш	"		30.08	"	u	ш		u	ш	u			
5				SW by S	u		30.03	75	75	73		u	Cum Str	7			
6				"	"		30.05	"	ш	ш		u	u	u			
7				ш	"		u	u	ш	ш		u	ш	"			
8				ш	"		"	"	ш	ш		u	ш	5			
9				SW	2		ш	"	78	75		и	Cum Nimb	3			
10				SSE	3		30.04	78	и	и		u	ш	2			
11				ш	"		30.05	79	79	76		u	ш	1			
Noon				E by S	44		30.05	ш	и	ш		и	и	"			
Distan	ce run by	v Loa	since i	oreceding No	oon							knots	fa	thoms.			
	e by D. I											0				"	
	ide by D			ı								0	4			"	
				t Noon ⊙								0				"	
Longitu	ude by C	hrono	ometer	from Forence	on Obse	rvatio	ns ⊙					0	•			"	
	t during	the		kno	ts		fms. per l	hour, se	tting to	the							
time Variation	on of the	Com	nnass h	y Amplitude					Ü			0	и			"	
				y Azimuth ⓒ								0	ш			"	
				preceding 2										245	5 gallons	S.	
Water	cond					the p	receding	24 hour	s							ш	
Water	remainin	ng on	hand fi	t for me at N	oon									2	700	ш	
Coal co	onsume	d duri	ng the	preceding 24	1 hours								tons 1	595	lbs.		
Coal re	emaining	on h	and at	Noon								83	"	840	u		
P,M																	
•				_			00.00	70	00				0 11: 1				
1				E	3		30.02	78 "	80	77 "		bc	Cum Nimb	1			
2				E by N	"		29.99 29.98	"	79 "	78		0	ш	"			
4				ш	"		29.96	"	ш	"		u	ш	ш			
5				ш	4		29.98	"		u		bc	ш	4			
6				ш	5		29.99	"	"	u		"	ш	6			
7				ш	4		30.00	"	ш	"		"	ш	7			
8				ш			30.01	"	ш	u		44	ш	8			
9				и	"		30.03	"	u	"		"	Cum	1			
10				Е	"		30.04	"	u	"		0	Cum Nimb	0			
11				и	"		u	"	80	u		"	ш	ш			
Mid.				u	и		30.03	"	ш	"		u	ш	ш			
Longitu	ude by C	hrono	ometer	from Afterno	on Obse	rvatio	ns ⊙					0				"	
Longitu	ide by C	hrono	ometer	Observation	s				*	*		0	"			44	
Variation	on of the	Com	npass b	y Amplitude			ob	served	at Suns	et		0	,			"	
Variation	on of the	Com	npass b	у				at				0	4			44	

Commences and until 4 A.M. Weather cloudy and pleasant. Light airs from N. and W. Distilling.

> (Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant, with light airs from S. and W. Barometer steady. Stopped distilling at 5.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Merid. Overcast. Cool. Pleasant. Light variable breeze. Cum. Nimb. clouds. At 8.15, stopped distilling. At 9.45 the Commander inspected crew and ship. The following named men were found absent without leave. Viz. Dennis Kreliker (Sea) James Brown (C. F. C.) Edward Case (Cooper) Theo W. Hackett (Arm) W. M. McCann (A. S.2.C.) Michael Maugan (O. S.2.C.) Thos Murphy (O.S.2.C) Edm C Jake (O.S.2.C.) Walter C. Blake (Mach) James Hennesy (2.C. F.) John Pratt (Lds E. F.) James Sutton (Lds C.F.) James Shields (Lds C.F.) Thos Foley (Lds C.F.) and Patrick D. Case (Corp). At 10.45, James Shields (Lds C.F.) and at 11.17 James Brown (C. F. C.) and Thos Foley (Lds C.F.) returned from liberty. At 10, called all hands to muster when Commander read prayers. Banked fires in two boilers and dying out in two. Steam pressure 30 lbs. Temp of bunkers 102°.

> (Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast, with moderate breeze from N. and E.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear. Cool. Pleasant. Moderate E. by N. breeze. Cum. Nimb. clouds. At 6.35, Thos W. Hackett (Arm) returned from liberty. Temp of bunkers 100°.

> (Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast. Moderate breeze from E. Temp of bunkers 100°. Barometer steady.

> (Signed) Wainwright Kellogg Lieut.

> > (Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WIND	INDS.		BAROMETER.		Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				E by N	4		30.02	79	79	79		0	Cum Nimb	0		
2				и	3		30.01	78	и	ш		ш	"	"		
3				"	"		30.00	"	"	"		u	"	"		
4				u	"		29.99	"	"	"		ш	ш	"		
5				ESE	2		30.01	u	и	78		и	"	u		
6				ш	1		30.03	"	"	"		**	44	"		
7				E	2		и	и	а	ш		и	ш	u		
8				ESE "	ш		u	"	а	ш		и	ш	u		
9				u	ш		и	u	и	ш		44	44	"		
10				"	"		"	u	"	"		"	"	"		
11										"						
Noon				ENE	3		29.99	79	80		was			-		
Distan	ce run b	/ Log	since p	receding No	on						k	nots	fat	thoms.		
Latitud	de by D. I	R. at I	Noon									0	4		u	
Longit	ude by D	. R. a	t Noon									0	•		ш	
Latitud	de by Ob	serva	tions at	Noon ⊙								0	•		u	
-			ometer f	rom Foreno	on Obser	vatio	ns ⊙					0	•		u	
time	nt during	tne		knot	S		fms. per l	nour, se	tting to	the						
Variati	ion of the	Com	pass by	/ Amplitude	⊙ observ	ed at	Sunrise					0	"		"	
Variati	ion of the	Com	pass by	/ Azimuth ⊙	observe	d at						0	44		"	
		d dur	ing the	preceding 24	4 hours									251 g	allons.	
Water					_	the p	receding	24 hou	rs						ű	
				for me at No										244		
				receding 24	hours							00		1265	lbs.	
Coarr	emaining	OH H	and at r	NOON								82		1815		
P,M.																
1				SE	3		30.00	78	80	79		0	Cum	0		
2				u	2		29.98	u	ш	"		u	Nimb "	"		
3				"	"		29.95	"	"	"		"	"	"		
4				E by S	"		30.10	"	"	"		u	"	"		
5				u	3		29.90	79	81	и		bc	Cum	7		
6				u	u		u	u	"	u		"	Cum	8		
7				"	"		29.92	"	"	"		"	Nimb "	9		
8				u	2		29.93	u	и	и		44	Cum	"		
9				u	u		29.97	u	"	u		bcw	ш	"		
10				"	3		29.99	78	80	78		"	"	"		
11				u	2		30.00	u	"	u		44	"	0		
Mid.				S	и		30.10	u	u	u		u	и	6		
		de ac		A.C	0'							0			ш	
-				rom Afterno		vatio	ns •			*		0				
-				Observations Amplitude	•		. 1-	oor cal				0			u	
				/ Amplitude			OD	served	at ouns	હા		0			u	
variati	ion of the	Com	ipass by	1				at					•		-	

Commences and until 4 A.M. Overcast. Cool. Pleasant. Moderate E. by N. breeze. Cum. Nimb. clouds.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast and pleasant. Light breeze from S. and E. Lowered smoke stack.

(Signed) Sam. C. Lemly
Ensign.

From 8 to Merid. Overcast and pleasant. Late breeze from S. and E. Sent Midshipman and Ord. Sargt. onshore to hunt up men overstaying liberty. At 11.30, returned with 10 men.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. overcast. Pleasant. Light breeze from S. and E. Edward Case (Cooper) Patrick D. Case (Carp) Thomas Ludden (Lds) Samuel Griffin (O.L.2.C) P. O'Donnell (Lds E. F.) and John Pratt (Lds C.F.) were brought aboard by Ord. Sargt., having overstayed liberty. Quarterly Board of Survey condemned 1 keg, 17 lbs, butter, to be turned in for slush. Marked C.J. Euroy, Inspector, Breton Feb 1874.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from E. by S. Carpenter W. W. Richardson left the ship on 48 hour leave of absence.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear greater part of watch. Heavy dew. Light breeze from S. and E. hauling to S. last hour.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

			WIND	S.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour. Knots.	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.															
1			S	1		29.90	79	80	79		0	Cum Nimb	0		
2			u	0-1		29.88	78	79	78		bc	u	9		
3			SW	2		u	"	44	66		44	ш	u		
4			ш	u		29.87	"	"	**		"	u	8		
5			u	1-2		29.86	75	78	u		44	u	"		
6			ш	1		29.93	"	77	77		"	u	"		
7			SSE	1-2		"	"	"	76		"	u	"		
8			ш	u		29.96	76	79	**		"	u	"		
9			SE	2		29.99	78	80	79		"	ш	"		
10			E by S	"		29.97	79	81	80		"	ш	"		
11			ш	"		29.95	80	82	"		"	"	"		
Noon			ш	ш		29.92	ш	ш	ш		b	none	10		
Distance run by	-		receding No	on						k	nots	fa	thoms.		
Latitude by D. R											0			"	
Longitude by D.											0			"	
Latitude by Obs											0			"	
Longitude by Ch		meter fi	rom Foreno	on Obse	rvatio	ns ⊙					Ü			"	
Current during to time	ne		knot	s		fms. per l	hour, se	etting to	the						
Variation of the	Comp	ass by	Amplitude	⊙ observ	ved at	Sunrise					0	ш		"	
Variation of the	Comp	ass by	Azimuth ⊙	observe	d at						0	и		"	
Water expended	d durii	ng the p	preceding 24	4 hours									312 g	jallons.	
Water				during	the p	receding	24 hou	rs						и	
Water remaining	g on h	and fit	for me at No	oon									213	7 "	
Coal consumed	durin	g the p	receding 24	hours								tons	275	lbs.	
Coal remaining	on ha	ind at N	loon								128	ш	627	и	
P,M.															
1			E by S	4		29.88	81	84	84		bc	Cum	9		
2			ENE	3-4		29.85	"	83	82		и	и	"		
3			"	3		29.83	80	44	81		"	u	"		
4			"	2		29.85	"	44	44		"	u	"		
5			ESE	3		29.81	81	82	80		ш	Cir	"		
6			"	"		29.83	"	"	"		и	Cum "	"		
7			u	u		29.03 "	"		44		hom	и	"		
8			u	2		29.81	"		44		bcm "	и	"		
9			u	<u>د</u> "		29.87	"		44		и	и	7		
												Cum			
10			-	1-2		29.85	80	-			-	Nimb	4		
11			u	3		29.87	"	44	44		и	и	3		
Mid.			SSW	1-2		ш	44	44	44		u	и	5		
Longitude by Ch	nronoi	meter fi	rom Afterno	on Obse	rvatio	ns ⊙					0			"	
Longitude by Ch								:	*		0			u	
Variation of the						ob	served	at Suns	set		0			u	
Variation of the	Comp	ass by					at				0	,		"	

Commences and until 4 A.M. Overcast first hour, afterwards clear and pleasant. Light airs from S. and W.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Late S. E. breeze. Cum Clouds. Made preparations for coaling ship. At 7.30, commence coaling.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from S. and E. Engaged in calling ship. Sent liberty party ashore until 9 AM 18<sup>th</sup> inst.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E. Coaling ship. Transferred 10 gallons of oil from Engineer Department to Navigators Department, the supply for the Navigators Department being exhausted.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant, light haze. Moderate breeze from E. S. E. Lieutenant Wainwright Kellogg and Midshipman T. D. Griffin left the ship on leave of absence for one week. Finished calling ship, having received on board 51 132/2000 tons.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Weather warm and misty. Moderate breeze from E. Squally.

(Signed) J. K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS			BAROME	TER.	TE	MPERATU	IRE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				variable	1		29.85	78	79	78		bc	Cum	9		
2				South	1-2		29.83	77	"	"		"	"	"		
3				"	3		29.80	"	"	"		ш	44	ш		
4				и	"		"	"	"	"		"	"	"		
5				S by W	ш		29.81	76	"	u		bcm	"	и		
6				"	ш		"	77	"	u		"	"	и		
7				ш	4		29.82	78	"	u		bc	u	u		
8				и	u		44	"	"	"		"	ш	"		
9				S	3		29.83	80	80	79		"	ш	"		
10				SE	2-3		44	81	82	81		"	ш	"		
11				ESE	2		44	82	84	83		"	ш	"		
Noon				ш	и		29.81	83	85	u		и	"	u		
Distan	ce run by	Log	since p	oreceding No	on						kr	nots	fat	thoms.		
Latitud	e by D. F	R. at I	Noon									0	,		и	
Longitu	ide by D	. R. a	ıt Noon									0	,		u	
Latitud	e by Obs	serva	tions at	Noon ⊙								0	,		u	
Longitu	ide by C	hrono	ometer	from Forenoo	on Obser	vation	ns ⊙					0	,		u	
Curren time	t during t	the		knots	S		fms. per h	our, se	tting to t	he						
	on of the	Com	pass b	y Amplitude	<ul><li>observ</li></ul>	ed at	Sunrise					0	44		"	
				y Azimuth ⊙								0	44		"	
				preceding 24										245 ga	illons.	
Water			•			the p	receding 2	24 hour	S						"	
Water	remainin	g on	hand fit	t for me at No	oon									1892	"	
Coal c	onsumed	l duri	ng the p	preceding 24	hours								tons	275	lbs.	
Coal re	emaining	on h	and at	Noon								128	и	25	"	
P,M																
1				ESE	2		29.77	84	86	84		bc	Cum	9		
2				ENE	3		29.74	85	"	"		"	ш	и		
3				N	3-5		29.72	82	84	82		bcq	ш	и		
4				"	4-6		29.74	u	44	и		и	и	и		
5				"	4-5		29.79	79	82	79		и	66	7		
6				ű	4-6		29.80	"	81	78		ш	Cir Cum	и		
7				ű	ш		29.84	78	"	"		ш	и	5		
8				"			29.86	77	80 "	77		"	"	6		
9				"	5-8		29.84	"								
10					5-9		29.87		79 "	76 "		bq "	none	10		
11					u		29.88	76	u	"		"		u		
Mid.								78								
Longit	ide by C	hron	ometo-	from Afternoo	on Oboc	vatic:	ne (A)					0	,		ш	
-				Observations		valiUl	1 <b>0</b> ©		*			0			"	
-				y Amplitude	,		Oh	served.	ت at Sunse			0	,		"	
	on of the						OD		at ourist			0			"	
vanati	on or the	COIT	ihass D	у				at								

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, with moderate breeze from S. (Signed) Sam. C. Lemly, Ensign U.S.N.

From 4 to 8 A.M. Clear. Cool. Pleasant. Moderate S. by W. breeze. Cum clouds. Received in Pay Department 160 lbs. fresh meat and 120 lbs. vegetables.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and warm. Light breeze from S. and W. At 9.30, inspected at quarters. The following men were absent, having remained ashore after expiration of liberty. David Dalton (Ships Cook) Louie Zachman (Ord Sea) Charlie White (P.M.) James Flynn (P.M.) Richard Jones (W. R. C.) Wm. H. Johnson (W.O.C.) and John Turney (Lds). The above named men, except John Turney, returned at 10 o'clock. The Quarterly Board of Survey condemned and threw overboard 1 keg of pickles. The Paymaster paid the crew their monthly allowance of money.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Cum clouds. Moderate E[aster]ly breeze until 2.30, until it freshened into a moderate gale, with fresh squalls, from N. John Turney (Lds) returned from liberty. Veered to waters edge 30 fathoms on starboard chain and 33 on port. Slacked stern fasts. By order of Commanding Officer, Midshipman Richard Henderson was restored to duty. Stationed crew for torpedo exercise, expended one D. E. fuze.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and cool. Strong breeze from the N. At sunset sent down topgallant masts, secured boats and battery. Ship rolling slightly. Veered to 40 fathoms on port chain. Barometer rising.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Bright moonlight until 11.30, when she said. Blowing gale, with heavy gusts, from N. Let go sheet anchor, 15 fathoms shackle water's edge. Veered to 47 fathoms port and 41 on starboard chain. Braced up by port braces at 9.30.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS			BAROME	ETER.	TI	EMPERAT	JRE.	01-1-	F		01-1-	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sec. in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				N	4-6		29.92	75	79	76		bcq	Cum	5		
2				u	"		29.91	"	"	"		"	"	3		
3				44	3-6		29.92	76	78	"		"	Cum	"		
4				и	"		29.94	"	"	u		"	Nimb "	1		
5				NNW	3-5		29.97	"	"	76		"	ш	"		
6				NW by N	3-1		29.98	"	ш	"		С	и	"		
7				NW	1-2		29.97	77	u	77		0	и	0		
8				calm	0		4	78	81	79		u	и	и		
9				ш	"		29.98	"	"	u		u	ш	ш		
10				ш	"		es	u	79	75		u	ш	"		
11				u	44		29.96	79	82	80		bo	и	1		
Noon				u	"		29.94	"	и	81		u	ш	ш		
Distar	nce run by	y Log	since p	receding No	on						k	nots	fat	thoms.		
Latitud	de by D. I	R. at	Noon									0	,		u	
Longit	tude by D	). R. a	t Noon									0	,		u	
Latitud	de by Ob	serva	tions at	Noon ⊙								0	,		"	
_			ometer	from Foreno	on Obse	rvatio	ns ⊙					0	,		и	
time	nt during	the		knots	S		fms. per h	nour, se	tting to	the						
Variat	ion of the	Con	npass b	y Amplitude	obser •	ved at	Sunrise					0	44		ш	
Variat	ion of the	Con	ipass b	y Azimuth ⊙	observe	d at						0	44		u	
Water	expende	d du	ring the	preceding 24	4 hours									255 ga		
Water					during	the p	receding	24 hour	S						"	
		-		t for me at No										1637		
			-	preceding 24	hours								tons	275	lbs.	
Coal r	emaining	on h	and at	Noon								127		1990	"	
P,M																
1				N by W	1-2		29.91	80	82	79		bc	Cum	3		
				,	"			"	°			u.	Cum			
2				N			29.89	"	u	78 "			Nimb "	2		
3				N by E	3		29.88					0		0		
4				ш	4			"	4	"		ha	ш	4		
5 6				и	1		29.87	70	81	u		bc "	ш	1 3		
7				и	<u>د</u> «		29.89 29.90	78 "	80	u		и	ш	ა 8		
8				ш	"		29.90	"	79	77		b	none	10		
9				ш	"		29.93	"	80	"		bc	Cum Str	9		
10				"	"		29.94	u	79	u		"	Cir Cum	"		
11				N	1-2		29.95	"	"	"		ш	Cir	"		
Mid.				NNW			29.94	"	"	"		b	none	10		
												-		. •		
Longit	tude by C	hron	ometer	from Afterno	on Obse	rvatio	ns ⊙					0	,		и	
_				Observations					*	ķ		0			и	
-				y Amplitude			ob	served	at Suns	et		0			"	
	ion of the							at				0			и	
				-												

Commences and until 4 A.M. Cloudy and cool. Wind from the N. blowing in fresh squalls. Rolling slightly. At 12, veered to 60 fathoms on port chain, 50 on starboard chain and 30 fathoms on sheet chain.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast, with moderate breeze from N. and W. first hour. Calm, with light airs, remainder of watch. At 8, sent up topgallant masts.

(Signed) John Schouler Lieut. Cmdr.

From 8 to Merid. Overcast. Warm. Calm. Cum. Nimb. clouds. At 8.45, hove up sheet anchor, and hove in to 22 1/2 fathoms, water's edge, on bower. U.S. Mail Steamer "City of Mexico" went out at 11.30.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Cloudy, warm, with moderate breeze from N. Weighed stream anchor and laid it out to S., with 50 fathoms hawser. At Merid, American Mail Steamer "City of Havana" went out.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Cloudy first, clear last half of watch. Warm. Light N. by E. airs. Cum. Nimb. clouds. By order of Commanding Officer, Francis Giles (Lds C.F.) stood 1 1/4 hours extra watch on quarterdeck. At sundown send down topgallant masts. Received the following stores in Medical Department, Viz, Acidum AcetiCum 1/2 lb. Acidum CarboliCum 2 lb. Acidum MuriatiCum 2 oz. Acidum TartariCum 1 lb. Aslipir Cuatum 2 lbs. Alturis Spts. Nit, 1 lb. Alcohol 4 1/2 lbs. Ammoniae Aqua 1 lb. Ammoniae Murias 1/2 lb. Antimonii et Potass, tart, 1 oz. Chloroformun Purificatum 1 lb. Ferri chloridi tinctura 1/2 lbs. Glycyubizae pulois 4 oz. Glycyubizae extractum 2 lb. Jucacuanhas ext. 1 oz. Monhuas oleum 12 pts. Potass. bicarb 1/2 lb. Potass. chloren 4 oz. Resinae Cuatum 2 lbs. Sinapism pafun 3 boxes. Tiglii olunu 1/2 oz. Measure glass 6 oz, 1. Measure glass 2 oz, 1. Spatula 3 in, 1. Sugar 5 lbs. Test Tubes 1 set. Paponis linimentum 1 lb. Scillae syrupus 4 lbs. Olivae oleum 2 lbs. Menthae pipe, oleum 1 oz. Potas et sod, tart, 2 1/2 lbs. Quiniae Sulphas 10 oz.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Moonlight. Light breeze from N.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TE	EMPERAT	URE.	State	Forms of	٠.	State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				N by E	1		29.90	77	78	76		bc	Cum	6		
2				"			29.89	"	"	"		0	Nimb "	0		
3				variable	"		29.88	"	u	77		"	и	"		
4				"	"		"	"	"	"		"	и	"		
5				N	1-2		29.90	"	ш	76		ос	и	ш		
6				ш	2		44	"	79	u		"	и	"		
7				u	"		"	"	"	"		"	u	"		
8				ш	"		"	"	"	77		"	u	"		
9				u	44		29.91	78	80	u		0	u	"		
10				N by W	"		29.93	"	81	78		bc	и	2		
11				ш	"		29.96	79	"	"		"	и	3		
Noon				N	44		29.94	80	"	ш		"	u	2		
Dista	nce run b	v Loc	since	preceding No	on						k	nots	fai	thoms.		
	de by D.											0			"	
	tude by E			1								0	•		"	
Latitu	de by Ob	serva	ations a	t Noon ⊙								0			"	
Longi	tude by C	Chron	ometer	from Foreno	on Obse	rvatio	ns ⊙					0	•		"	
Curre time	nt during	the		knot	s		fms. per l	nour, se	tting to t	the						
	tion of the	e Con	npass b	y Amplitude	⊙ obsen	ved at	Sunrise					0	u		"	
				y Azimuth ⊙								0	"		"	
Wate	r expende	ed du	ring the	preceding 2	4 hours									260 ga	llons.	
Water	r				during	the p	receding	24 hour	s						"	
Wate	r remainii	ng on	hand f	it for me at No	oon									1377		
Coal	consume	d dur	ing the	preceding 24	hours								tons	275	lbs.	
Coal	remaining	g on h	nand at	Noon								127	и	1715	"	
P,M																
1				N by E	2		29.93	80	81	79		bc	Cir Cum	4		
2				u	"		29.90	"	82	"		u	ш	3		
3				u	44		29.89	79	"	и		u	ш	6		
4				ш	"		29.87	78	"	"		u	ш	"		
5				NNE	u		29.88	80	81	u		u	ш	7		
6				ш	1-2		ш	79	"	и		u	Cum Str	8		
7				ű	ш		29.89	"	80	u		u	ш	9		
8				и	1		29.91	"	ш	78		и	Str	"		
9				и	0-1		29.95	"	81	79		bcm	ш	6		
10				"	u			"		"		u	Cum Str	4		
11 M:d				 NINIVA/			29.93	"	80			"	и			
Mid.				NNW	1		29.90		79	78				3		
Lonai	tude by (	Chron	ometer	from Afterno	on Obse	rvatio	ns ⊙					0			и	
_				Observations					*	¢		0			"	
_				y Amplitude			ob	served	at Suns	et		0			u	
Varia	tion of the	e Con	npass b	у				at				0	•		u	

Commences and until 4 A.M. Overcast. Cool. Pleasant. Light variable airs. Cum. Nimb. clouds.

(Signed) Richard G. Davenport
Lieut.

From 4 to 8 A.M. Overcast and cool. Gentle breeze from N. Received fresh provisions for crew. At 8, sent up topgallant masts.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Cloudy but pleasant. Light reused from N. At 9.30, mustered at quarters. Exercised at fire quarters. At 9.50, a Mexican Gunboat came in. Richard Beale (Match) reported expiration of time of service.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and warm. Moderate breeze from N. and E. Exercised at unbending and bending sails.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant, with light breeze from N. N. E.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Partially overcast but pleasant, light airs from N. and E. shifting to N. and W. during last hour. Barometer falling slowly.

(Signed) J. K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.	BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				sw	1-2	29.90	77	78	76		bc	Cum	9		
2				u	**	29.88	76	"	u		bc	none	10		
3				ш	1	29.87	u	"	u		"	Cum	9		
4				SSW	"	29.88	"	"	"		0	u	6		
5				ш	1	и	77	"	u		"	Cum	0		
6				WSW	"	29.91	u	"	u		"	Nimb "	"		
7				W	"	29.94	u	"	77		"	u	u		
8				ш	**	29.97	u	"	u		"	44	"		
9				NNW	**	и	78	79	79		bc	44	1		
10				N	0-1	29.95	u	82	u		bcp	"	u		
11				ш	и	29.98	79	"	80		bc	Cum	2		
Noon				ENE	2	29.97	80	83	87		u	Cir Cum	5		
Distan	ice run b	y Log	since	preceding No	oon					k	nots	fa	athoms.		
Latitud	de by D.	R. at	Noon								0		•	"	
Longit	ude by D	). R. a	t Noor	1							0		•	"	
Latitud	de by Ob	serva	tions a	t Noon ⊙							0		•	"	
-			ometer	from Forence	on Obser	vations ⊙					0		•	44	
time	nt during	tne		kno	ts	fms. per	hour, se	etting to	the						
Variati	ion of the	e Con	ipass t	y Amplitude	<ul><li>⊙ observ</li></ul>	ed at Sunrise					0		ш	"	
Variati	ion of the	e Com	npass b	y Azimuth 🧿	observed	d at					0		ш	"	
Water	expende	ed dui	ring the	preceding 2	4 hours								257 g	allons.	
Water					during	the preceding	24 hou	rs						"	
Water	remainir	ng on	hand f	it for me at N	oon								112	0 "	
Coal	onsume	d duri	ng the	preceding 24	4 hours							tons	275	lbs.	
Coal r	emaining	on h	and at	Noon							127	и	1440	ш	
P,M															
1				ENE	2	29.91	79	82	80		bc	Cir Cum	8		
2				NE by E	3	29.88	78	"	"		"	"	"		
3				ENE	"	29.86	79	"	u		"	ш	9		
4					4	29.85	"	"	u		"	ш	"		
5				"	3	и	"	"	"		"	"	7		
6				u	2-3	и	"	"	"		"	и	"		
7				u	2	ш	"	"	u		u	44	u		
8				ш	0-1	29.86	80	"	u		"	ш	"		
9				ш	и	29.94	"	"	u		bcm	ш	4		
10				variable	"	29.95	"	"	"		"	ш	"		
11				u	"	29.96	u	"	u		"	и	6		
Mid.				W	ш	29.95	u	44	и		и	и	7		
Longit	ude by C	Chron	ometer	from Afterno	oon Obser	vations ⊙					0			"	
Longit	ude by C	Chron	ometer	Observation	S			:	*		0		•	"	
Variati	ion of the	Com	ipass t	y Amplitude		ob	served	at Suns	set		0		•	"	
Variati	ion of the	e Con	ipass b	ру			at				0		•	u	

Commences and until 4 A.M. Clear and pleasant, with light airs from S. W. Moon set at 1.15.

(Signed) Sam. C. Lemly
Ensign.

From 4 to 8 A.M. Overcast. Cool. Pleasant. Light S. and W. airs. Cum. Nimb. clouds.

(Signed) Richard G. Davenport
Lieut.

From 8 to Merid. Weather cloudy and warm. Warm light airs from N.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Moderate breeze from E. N. E. Cir. Cum. clouds.

(Signed) Richard G. Davenport
Lieut.

From 4 to 8 P.M. Cloudy and warm. Moderate breeze from the E. Wind decreasing. Gave John P. Marker (1.C.B.) 1 hour on a seam by order of Commanding Officer. Received \$2500 in Pay Department.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Damp. Light variable airs. Cir. Cum. clouds passing over from S. Obscured moonlight.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	š.		BAROME	ETER.	TI	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				Calm	0		29.95	79	82	80		bc	Cum	5		
2				"	"		29.93	"	81	79		"	"	3		
3				variable	0-1		29.91	"	"	"		0	Cum	0		
4				"	"		29.90	"	44	u		"	Nimb "			
5				ENE	2		29.90	"	"	"		om	"	1 2		
6				calm	0		29.97	"	"	80		bcm	"	6		
7				N by E	0-1		29.99	"	"	"		bc	ш	7		
8				N by W	2		30.00	80	"	"		bcm	Cum	8		
9				NNW	"		30.01	"	82	81		bc	"	9		
10				ш	u		30.00	u	83	82		"	"	"		
11				er	u		ш	u	84	"		u	"	u		
Noon				er	u		29.99	81	"	83		u	"	u		
							20.00	٠.		00						
Distan	ce run b	y Log	since	oreceding No	on						k	nots	fa	thoms.		
Latitud	de by D.	R. at	Noon									0	•		"	
Longit	ude by D	). R. a	at Noon									0	•		"	
Latitud	de by Ob	serva	tions a	t Noon ⊙								0	•		"	
Longit	ude by C	Chron	ometer	from Foreno	on Obser	vatio	ns ⊙					0	•		"	
Currer time	nt during	the		knot	s		fms. per h	nour, se	tting to	the						
	on of the	e Con	npass b	y Amplitude	⊙ observ	ed at	Sunrise					0			"	
				y Azimuth ⊙								0			"	
				preceding 2										252 ga	allons.	
Water						the p	receding	24 hour	s						"	
Water	remainir	ng on	hand fi	t for me at No	oon									868	"	
				preceding 24								1	tons	785	lbs.	
	emaining											126	u	655	u	
P,M																
1				NW	2		29.98	81	85	83		bcm	Cum	9		
2				и	"		ш	82	86	84		u	ш	8		
3				NE	44		29.94	u	85	и		u	ш	9		
4				NE by E	3		29.92	"	84	83		"	ш	и		
5				ENE	44		29.91	"	44	"		ű	и	и		
6				и	ш		29.95	"	83	82		и	ш	и		
7				E by N	4		29.96	"	44	и		и	Cum Str	и		
8				E	66		29.95	80	82	80		и		и		
9				ESE	1-2		29.98	"		"		bc "	Cir Cum	6		
10					0-1		29.99	"		u		u		2		
11				SE by E	"					"		u		1		
Mid.							29.98	"				4	-	0		
l cast	udo bu C	hran	omete-	from Affering	on Oha-	n (nti-	20.0					0			44	
-				from Afterno		vatio	iis					0			u	
-				Observation	5		a l-	oon :o:	at Supa			0			u	
				y Amplitude			ob		at Suns	eί		0				
variati	on of the	Con	ipass b	у				at				-			-	

Commences and until 4 A.M. Weather cloudy and warm, light variable airs during last hour. Barometer falling slowly.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy, warm and misty, with light variable airs. At 8, crossed topgallant yards. At 6, started fires in two boilers for purpose of distilling. Received on board for crew 160 lbs fresh beef, 140 lbs vegetables, 127 lbs fresh bread.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear. Warm. Light N[orther]ly breeze. Cum. clouds. At 9.45, inspected and mustered at quarters. At 10, Commanding Officer inspected ship and crew at quarters, immediately after read prayers. At 10.15, Commenced distilling. Banked fires in two boilers. Average steam pressure 30 lbs.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear, warm, with light breezes from N. and W. shifting to N. and E. Fires banked in two boilers. Average pressure 30 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear. Pleasant. Damp. Moderate E. N. E. breeze shifting to E. Cum. Str. clouds. At sundown sent down topgallant yards. By order of Commanding Officer, Michael Cleary (2r.Gr.) and George N. Fisher (1.C.B.) stood 1 1/4 hours extra watch. Banked fires in two boilers. Ever steam pressure 35 lbs. Temp of bunkers 102°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Cloudy, warm, damp with light airs from S. and E. Fires banked in two boilers. Steam pressure 30 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	ETER.	т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		ш										3.				
1				calm	0		29.95	79	82	80		bcm	Cir	3		
2				"	"		29.93	"	81	79		"	Cum "	5		
3				variable	0-1		29.93	и	0 I "	"		и	ш	6		
4				"	u-1		29.90	u	u	"		ш	и	3		
5				ENE	2		29.93	и	"	"		"	и	4		
6				calm	0		29.97	"	"	84		bc	u	5		
7				N by E	0-1		29.99	u	"	u		и	и	u		
8				N by W	2		30.00	80	"	82		u	u	7		
9				NNW	"		30.01	u	82	81		u	и	2		
10				u	"		30.00	"	83	82		ш	и	1		
11				и	ш		"	и	84	"		u	ш	4		
Noon				и	ш		29.99	81	u	83		ш	и	8		
D: 1																
				preceding No	on						k	nots	fai	thoms.	"	
	de by D.											0			"	
	ude by D			t Noon ⊙								0			"	
				from Foreno	on Ohea	nyatio	ne 🕞					0			"	
_	nt during		ometer						ttina to	th a						
time	_			knot			fms. per h	iour, se	itting to	une		0	u		"	
				y Amplitude			Sunrise					0				
				y Azimuth   proceding 2		u at								246 00	llono	
Water		a uui	ilig üle	preceding 2		the r	receding	24 hour						246 ga 730		
		na on	hand fi	t for me at No	-	uie p	neceding.	2 <del>4</del> 110ui	3					1352		
				preceding 24								1	tons	555	lbs.	
	emaining				110010							125	"	100	"	
DM																
P,M							00.00	0.4	0.5				0	•		
1				NW "	2		29.98	81	85	84		bc "	Cum "	9		
2								82	86							
				NE NE by			29.94	u	85	83		b "	none "	10		
4				E	3		29.92		84	82						
5				ENE "			29.91	u		"						
6							29.93	"	83	"				"		
7				E by N	4		29.96						Cum			
8 9				E ESE	1-2		29.95 29.98	80	82	81 82		bc "	Cum "	9		
				ESE "	0-1			u	"	°2		u	ш	3 4		
10				SE by	U-1 "		29.99	"	"			"	u			
11				Ē,				_	_	81		_	_	2		
Mid.					ш		29.98						-	"		
Longit	ude hv C	hron	ometer	from Afterno	on Ohse	rvatio	ns ⊙					0			и	
-	-			Observations					,	*		0			"	
_				y Amplitude	-		oh	served	at Suns			0			и	
	ion of the						35	at		-		0			"	
· and		. 5011	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,				uı								

Commences and until 4 A.M. Cloudy first, clear latter part of watch. Light breeze from E. Moon set at 2.30. Banked fires in two boilers. Average steam pressure 30 lbs.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Partially overcast during first hour, afterwards, warm and pleasant, hazy around horizon. Average team 30 lbs. Temp of bunkers 96°. Distilling.

(Signed) Asa Walker Lieut.

From 8 to Merid. Clear and warm. Light airs from N. and E. Lieutenant Wainwright Kellogg and Midshipman T. E. Griffin returned from leave. Mexican Gunboats "Libertad" and "Indpendencia" came in and anchored. Broke out spare topsails. Carpenters gang engaged in caulking gig. Painters in touching up spots outside Forge in use. At 9.30, went to General Quarters and exercise. Fires banked in two boilers. Average steam pressure 30 lbs. Distilling. (Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N. and E. Distilling.

(Signed) J. K. Cogswell

Lieut.

From 4 to 8 P.M. Clear and pleasant. Light breeze from N. and E. By order of Commanding Officer, G. W. Griswold, an American in distress, was taken up on the books to receive a ration. Fires banked in two boilers. Ever steam pressure 30 lbs. Distilling. At 4.30, called all hands and exercised at shifting topsails. At sundown send down topgallant yards.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Weather Overcast during entire watch. Light airs from N. and E. Distilling.

(Signed) J. K. Cogswell

Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROME	TER.	TI	EMPERATI	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				Calm	0		30.00	82	82	80		0	Cum Nimb	0		
2				ш	"		и	"	u	u		ш	"	u		
3				ш	ш		29.95	"	"	u		bc	и	5		
4				u	"		30.00	81	"	"		u	и	7		
5				u	и		29.98	80	81	u		u	и	и		
6				W	0-1		29.96	"	"	"		ш	и	8		
7				ш	ш		29.97	"	83	81		u	и	7		
8				ш	"		44	82	85	83		ш	и	6		
9				SW	1		"	u	"	u		u	Cum	и		
10				SSE	ш		29.95	u	86	84		и	и	7		
11				E	2		29.93	"	"	"		u	и	"		
Noon				44	ш		29.91	ш	44	u		и	и	8		
Distan	ce run by	/ Log	since p	oreceding No	oon						1	knots	fa	athoms.		
Latitud	le by D. I	R. at	Noon									0		4	44	
-	ude by D											0		4	"	
	-			t Noon ⊙								0		•	44	
-	ude by C nt during		ometer	from Forence	on Obse	rvatio	ns ⊙					0		•	ш	
time	it during	uie		knot	ts		fms. per h	nour, se	tting to	the						
Variati	on of the	Con	npass b	y Amplitude	⊙ obser	ved at	Sunrise					0	,	44	u	
				y Azimuth ①		d at						0		44	44	
			-	preceding 2										245 g		
Water					-	the p	receding :	24 hour	S					730		
		-		t for me at N										1337		
			-	preceding 24	1 hours							1	tons	465	lbs.	
Coaire	emaining	on n	and at	Noon								123		1875		
D.M.																
P,M 1				E by N	3		29.90	82	86	84		bc	Cum	9		
2				"	"		29.87	"	"	"		"	"	"		
3				ш	"		29.85	"	85	82		"	ш	"		
4				ш	"		29.85	"	"	"		"	ш	"		
5				u	4		29.83	"	84	u		u	ш	7		
6				ш	ш		29.84	81	83	u		u	u	8		
7				u	3		29.85	80	"	u		u	ш	u		
8				u	2-3		29.87	81	"	"		"	ш	"		
9				E	1-2		29.90	u	"	81		bcm	и	и		
10				WSW	ш		29.92	u	u	u		u	ш	u		
11				u	ш		"	"	"	u		u	ш	9		
Mid.				и	0-1		29.91	80	82	"		u	и	u		
Longiti	ude by C	hron	nmeter	from Afterno	on Ohea	rvatio	ns 🕞					0		,	"	
-				Observation		ıvalıU	11 <b>3</b> ©		*			0			"	
-				y Amplitude			oh	served	ء at Suns			0			u	
	on of the						OD.	at	at Ourio	٠.		0			и	
vandli	on or tile	COIL	ipass D	y				aı								

Commences and until 4 A.M. Overcast first two hours, clear last two hours of watch. Calm. Moderate swell from N. N. E. Banked fires in two boilers. Average pressure 30 lbs. Distilling. (Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Warm. Light W[ester]ly airs. Cum. Nimb. clouds. Banked fires in two boilers. Average steam pressure 30 lbs. Distilling. At 8, crossed topgallant yards and loosed sail.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from the E. Inspected at quarters at 9.15. Exercised battalion at infantry tactics and dress parade. Broke out the hold. At 11.30, furled sail. Distilling.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Fresh E[aster]ly breeze. Cum. clouds. Received in Pay Department \$1725.00 in Mexican coin. Banked fires into boilers. Average steam pressure 30 lbs. Temp of bunkers 100°. Distilling. By order of Commanding Officer, Frank L. Handley (1.C.B) stood two hours extra duty. Finished breaking out hold and sail. 15 fathoms of sheet chain below.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Pleasant weather. Fresh breeze from E. Restowed the hold. Received in Engineers Department 150 galls. of sperm oil and 100 lbs of waste. Sent down topgallant yards at sunset. Michael Cleary (2rGr) E. F. Ferry (O.S.2.C.)and George N. Fisher (1.C.B.) stood 1 1/2 hours extra duty by order of Commanding Officer.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Hazy. Light W. S. W. breeze. Bright moonlight. Cum. clouds. Banked fires in two boilers. Average steam pressure 30 lbs. Distilling. By order of Commanding Officer, Michael Cleary (2rGr) George N. Fisher (1.C.B.) and E. F. Ferry (O.S.2.C.) stood one hour extra watch.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				calm	0		29.89	80	82	81		bcm	Cum	9		
2				и	u		29.87	"	"	"		"	u	"		
3				u	и		29.85	"	"	"		"	и	7		
4				u	и		u	"	81	80		"	u	"		
5				ESE	1-2		29.89	"	"	"		bc	Cum	8		
6				SSE	ш		29.91	ш	82	81		bcm	Str Cir	4		
				"	и			u	"	"		"	Cum "			
7 8				ш	2		29.92	"	84	82		"	и	5 4		
9				u	1-2		u	"	85	84		bc	и	8		
10				ESE	"		29.	82	86	"		"	u	"		
11				E by N	и		25.	83	87	u		"	u	u		
Noon				"	и			82	85	ш		"	и	"		
								02	00							
				preceding No	oon						kr	nots	fati	homs.	"	
	de by D. I											0				
_	ude by D											0				
				t Noon ⊙ from Foreno	on Oboor	votio	20 (2)					0	,		"	
-	nt during		ometer													
time				knot			fms. per l	nour, se	etting to	tne		0				
				y Amplitude			Sunrise					0				
				y Azimuth ⓒ		d at								0.45	"	
				preceding 2		the m		24 have						245 ga		
Water				it for mo at N	-	trie p	receding	24 Hour	S					730 2322		
				it for me at N								1	tons	555	lbs.	
	emaining			preceding 24	HIUUIS							122		1320	" "	
Court	cinaling	01111	una at	TVOO!!								122		1020		
P,M																
1				E	3		29.86	83	86	83		bc	Cir Cum	7		
2				и	и		29.84	u	и	"		и	ш	5		
3				"	4		29.81	u	и	ш		и	66	3		
4				E by S	u		29.80	"	84	82				2		
5					3		29.77	81	"	"						
6					2		29.77						Cum Nimb	3		
7				_	3		29.78	_	85	"		bcm "	Cir Cum	1		
8							29.80		84				Nimb	2		
9				S by E	1-2		29.84	u	и	83		bc	Cir Cum	6		
10				"	0-1		29.85	u	"	82		u	Cum	9		
11				"	1-2			"	83	"			ш			
Mid.				и	ш		29.84	"	es	81		b	none	10		
Longit	ude by C	hron	ometer	from Afterno	on Obsei	vatio	ns ⊙					0			"	
Longit	ude by C	hron	ometer	Observation	s				:	k		0			"	
Variati	ion of the	Com	npass b	y Amplitude			ob	served	at Suns	et		0			u	
Variati	ion of the	Com	npass b	у				at				0			u	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather warm and misty. Calm. Heavy dew. Distilling.

(Signed) J. K. Cogswell

Lieut.

From 4 to 8 A.M. Misty. Pleasant. Light airs from S. and E. At 8, crossed topgallant yards. Distilling.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Merid. Clear. Warm. Light S. S. E. airs shifting to E. Cir. Cum. clouds. At 9.30, inspected crew at quarters. Exercised 1<sup>st</sup> and 2<sup>nd</sup> Divisions at great guns, and Marine Guard at small arms. Banked fires in two boilers. Average steam pressure 30 lbs. Temp of bunkers 102°. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from E. Barometer falling slowly. Distilling. Engaged in painting ship.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Cloudy. Damp. Warm. Fresh E. by S. breeze. Cir. Cum. Nimb. clouds passing from S. At sundown sent down topgallant yards. By order of Commanding Officer Michael Cleary (2rGr) and E. F. Ferry (O.S.2.C.) stood 1 1/2 hours extra duty. Banked fires in two boilers. Average steam pressure 30 lbs. Temp of bunkers 102°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear, warm. Light airs from S. and E. At 11°[hours]. 19'[minutes]. 00"[seconds] sounded call to General Quarters. Time. Cast loose. Engineer Div, 11°. 22'. 30". Marine Guard 11° 23' 00". 1st and 2nd Divs, 11° 23' 30". Masters Div, 11° 24' 00". Powder Div, 11° 22' 30". Secure at 11° 29' 30". Masters Div, 11° 31' 00". Powder Div, 11° 32' 00". Surgeon's Div, 11° 30' 00". 1st Div, 11° 33' 45". 2nd Div, 11° 32' 45". Retreat at 11° 34' 09". Average steam pressure 30 lbs. Temp of bunkers 100°. Distilling.

(Signed) Wainwright Kellogg

Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROM	ETER.	т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				SW	1–2		29.82	80	83	81		bcm	Cir	8		
2				ш	2		29.80	"	"	"		"	Cum "	9		
3				S	3		29.79	"	82	"		bc	ш	7		
4				ш	44		u	79	44	80		"	ш	6		
5				ш	"		29.	80	80	79		b	none	10		
6				"	2		29.		81	"		"	u	"		
7				u	1-2		29.	"	82	80		"	"	u		
8				SSE	2		29.	u	83	82		u	u	u		
9				44	**		29.	81	84	"		bc	Cum	9		
10				E	u			"	85	83		"	"	u		
11				ш	u			"	44	"		b	none	10		
Noon				и	"			"	86	"		и	ш	"		
		-		preceding No	oon						K	nots	ta:	thoms.	"	
	de by D. I ude by D											0			"	
_				ı t Noon ⊙								0			"	
				from Forence	on Ohser	vatio	ns ①					0	,		"	
_	nt during		ometer	kno			fms. per l	hour, se	etting to	the						
	ion of the	Com	npass b	y Amplitude	⊙ observ	ed at	Sunrise					0	"		"	
Variati	ion of the	Con	npass b	y Azimuth 🖸	observe	at						0	44		"	
Water	expende	d du	ring the	preceding 2	4 hours									250 ga	allons.	
Water	cond	ense	d		during	the p	receding	24 hou	rs					730	) "	
Water	remainin	g on	hand f	it for me at N	loon									2802	2 "	
Coal c	consume	d duri	ng the	preceding 24	4 hours								tons	725	lbs.	
Coal re	emaining	on h	and at	Noon								122	ш	595	ш	
P,M																
1				Е	2		29.78	84	86	84		bm	none	10		
2				ENE			29.75	85	87	85		"	"	"		
3				"	"		29.72	"	"	"		"	ш	u		
4				u	1-2		29.71	"	44	"		"	ш	"		
5				E by S	0-1		29.74	85	86	"		bc	Cir Cum	7		
6				ENE	"		u	84	"	84		"	"	8		
7				SSE	2		29.75	83	85	83		bcm	Cum Str	7		
8				u	0-1		и	"	u	u		u	и	9		
9				SW	ш		29.80	"	"	82		u	ш	и		
10				calm	0		29.78	82	84	"		bm	none	10		
11				SW	0-1		29.75	"	"	"		u	ш	ш		
Mid.				Calm	0		29.73	83	ш	81		и	ш	ш		
Longit	ude by C	hron	ometer	from Afterno	on Obser	vatio	ns ⊙					0	,		u	
Longit	ude by C	hron	ometer	Observation	S				:	*		0	,		u	
Variati	ion of the	Con	npass b	y Amplitude			ob	served	at Suns	et		0	,		"	
Variati	ion of the	Com	npass b	у				at				0	4		u	

Commences and until 4 A.M. Clear. Pleasant. Light S. W. breeze shifting to S. Cir. Cum. clouds passing from N. Moonlight. Banked fires in two boilers. Average steam pressure 30 lbs. Temp of bunkers 100°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from S. and W. At 4.15, stopped the distiller. At 4.20 Moon set. An American barkentine went to sea. Fires banked in two boilers. Average steam 25 lbs. At 8, crossed topgallant yards and loosed sail.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light breeze from E. At 9.20, inspected at quarters. 1<sup>st</sup> and 2<sup>nd</sup> Divisions at single sticks. Hauled fires and stopped distilling at 10 AM.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from E. shifting to N. A Mexican schooner and hermaphrodite brig came in and anchored. Barometer falling. Misty above horizon.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant, with light variable airs. E. F. Ferry (O.S.2.C.) and Michael Cleary (2rGr) stood one and one half hours on quarterdeck.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and pleasant. Calm greater part of watch, with occasional light airs from S. W. Misty. Barometer falling.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROM	ETER.	TI	EMPERAT	JRE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				SE by E	2		29.73	81	83	82		b	none	10		
2				E BY S	ш		29.71	80	82	81		u	ш	"		
3				E	3		29.70	"	"	80		u	ш	"		
4				u	и		29.69	78	81	79		bc	Cir Str	9		
5				S by W	2-3		"	77	80	78		u	Cir	7		
6				"	2		29.70	"	79	77		u	Cum "	6		
7				ш	"		29.72	79	81	79		"	и	8		
8				ш	2-3		"	81	82	80		u	ш	"		
9				ш	3		"	82	83	81		bm	none	10		
10				u	2		66	78	85	82		b	44	u		
11				SE by E	ш		u	83	86	84		u	ш	"		
Noon				ш	ш		29.70	84	88	85		u	u	u		
Distan	ce run by	/ Log	since	preceding No	on						H	nots	fa	athoms.		
Latitud	le by D. I	R. at	Noon									0		4	"	
Longit	ude by D	. R. a	t Noon	1								0		4	"	
Latitud	de by Ob	serva	tions a	t Noon ⊙								0		•	"	
_			ometer	from Foreno	on Obse	rvatio	ns ⊙					0	,	4	"	
time	nt during	tne		knot	s		fms. per l	nour, se	tting to	the						
Variati	on of the	Com	ipass b	y Amplitude	<ul><li>obser</li></ul>	ved at	Sunrise					0		44	"	
Variati	on of the	Com	ipass b	y Azimuth ①	observe	ed at						0	ļ	44	"	
Water	expende	d dur	ring the	preceding 2	4 hours									251 g		
Water					during	the p	receding	24 hour	s						"	
		-		it for me at N										255	1 "	
			-	preceding 24	hours								tons	275	lbs.	
Coal re	emaining	on h	and at	Noon								122		320		
P,M																
1				SE by E	2		29.67	88	89	86		b	none	10		
2				"			29.66	85	"	"		"	"	"		
3				ESE	ш		29.64	86	"	u		u	и	и		
4				u	ш		29.63	85	88	"		"	u	"		
5				SE by E	ш		29.64	ш	86	85		u	и	и		
6				ESE	ш		"	"	"	"		"	и	"		
7				ш	1		29.65	84	85	84		u	и	и		
8				ш	ш		29.70	83	84	83		u	и	и		
9				"	ш		u	81	"	"		bm	и	"		
10				SW	"		29.71	83	85	"		"	и	"		
11				ш	ш		29.72	81	84	u		ш	и	u		
Mid.				ш	1-2		ш	ш	83	82		"	ш	и		
Longit	ude by C	hrono	ometer	from Afterno	on Obse	rvatio	ns ⊙					0			ш	
Longit	ude by C	hrono	ometer	Observations	S				*	ķ		0			u	
Variati	on of the	Com	npass b	y Amplitude			ob	served	at Suns	et		0			u	
Variati	on of the	Com	npass b	ру				at				0		•	u	

Commences and until 4 A.M. Clear and pleasant, with light breeze from S. and E. Barometer falling slowly. Bright moonlight.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and pleasant. Moderate breeze from the S. Received fresh provisions for crew. Sent Carpenter aboard a Danish brig to ascertain the extent of her injuries, for which application to be repaired had been made. Sent up topgallant yards at 8.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and warm. Light wind from S. and E. At 9.25, inspected at quarters. At 9.30, exercised at fire quarters. Scraped and oiled spars. Carpenters gang engaged in caulking Danish brig "Nordley".

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and warm. Light breeze from S. and E. Carpenter with four men engaged in caulking Danish brig. Sent ashore and recovered a life buoy, for which two dollars as salvage was paid.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and warm. Light airs from S. and E. At 6, Called all hands and shifted foresail. At sunset sent down topgallant yards. Moon rose at 6.50.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light breeze from S. and E. shifting to S. and W. Heavy dew. Bright moonlight.

(Signed) J. K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROME	ETER.	TE	EMPERATU	JRE.					
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	Stat e of the Wea ther by sym bols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		_										·				
1				S	2		29.71	82	88	81		b	none	10		
2				SSW	u		29.69	"	"	"		"	"	"		
3				NW	и		"	81	81	80		"	и	"		
4				NNW	ш		29.68	u	ш	"		bc	Cir	9		
5				N	3		29.72	"	82	u		"	Cir Cum	8		
6				N by E	4		29.75	u	u	u		44	и	u		
7				NNE	и		29.77	"	u	"		"	ш	"		
8				N by W	и		29.78	u	u	ш		44	u	u		
9				ш	3-4		и	ш	83	79		bc q	ш	2		
10				ш	2-3		ш	ш	ш	80		"	Cir Cum	"		
11				ш	3		64	81	84	81		00	Nimb Cum	0		
				N	"		u	"		"		OC	Nimb "			
Noon				N	-		-	-	85	-		bc	-	1		
Distan	nce run by	l oa	since n	receding No	on						k	nots	fa	thoms.		
	de by D. F	-										0			u	
	tude by D.											0	,		ш	
_	de by Obs			Noon ⊙								0			"	
				from Foreno	on Obse	rvatio	ns ⊙					0	,		"	
	nt during t	the		knot	:s		fms. per h	nour, se	tting to t	the						
time Variat	ion of the	Com	pass by	y Amplitude	⊙ obser				•			0		í	u	
				y Azimuth ⊙								0		ı	"	
				preceding 2										252 ga	llons.	
Water			•			the p	receding	24 hour	s						"	
Water	remainin	g on l	hand fit	for me at N	oon									2299	u	
Coal	consumed	durir	ng the p	oreceding 24	hours								tons	275	lbs.	
Coal r	emaining	on ha	and at I	Noon								122	u	45	"	
P,M																
1				N	5-6		29.78	82	85	83		bcq	Cum	3		
2				ш	и		29.77	"	84	82		"	Nimb "	"		
3				u	ш		u	ш	ш	81		u	ш	4		
4				u	ш		и	ш	ш	u		u	ш	u		
5				и	4-5		и	81	83	80		u	и	3		
6				"	4		29.78	u	"	"		"	и	"		
7				u	и		29.80	80	82	u		и	u	u		
8				"	3-4		29.81	79	"	79		"	ш	"		
9				u	3-5		29.84	80	u	•		и	Cir Cum Nimb	4		
10				u	и		29.86	"	"	80		u	и	6		
11				"	и		29.87	"	"	"		и	ш	u		
Mid.				и	и		и	и	и	79		u	ш	u		
_				from Afterno		rvatio	ns ⊙					0	,		ш	
_				Observation	S				*			0	•		и	
				y Amplitude			ob		at Sunse	et		0	•		и	
Variat	ion of the	Com	pass by	У				at				U			и	

Commences and until 4 A.M. Clear and pleasant. Light breeze from S. and W. first part, after words from N. and W. Misty about horizon. Bright moonlight.

> (Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear area pleasant. Moderate N[orther]ly breeze. Cir. Cum. clouds.

(Signed) Richard G. Davenport

Lieut.

From 8 to Merid. Cloudy and warm. Light breezes from N. Squally. Veered to 40 fathoms on starboard chain and 30 fathoms on port. Cleared stern hawser of foul around a buoy anchor. Carpenter's gain engaged on Danish brig. Barometer steady.

> (Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Strong breeze from N. Carpenter's gang at work on Danish brig. At 2, Royal Mail Steamer "Echo" came in. Boarded her and got papers. Barometer steady.

> (Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Weather cloudy and squally. Cool. Fresh reviews from N. Barometer steady. Sea moderate.

> (Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Cloudy. Cool. Pleasant. Fresh N[orther]ly breeze, with squalls. Cir. Cum. Nimb. clouds passing to E. N. E. Obscured moonlight. By order of Commanding Officer, Michael Cleary (2rGr) stood one hour extra watch.

(Signed) Richard G. Davenport Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

				WIND	S.	BAROMETER.				TEMPERATURE.			Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				N	4-5		29.87	79	81	79		ocq	Cum Nimb	0		
2				u	4		29.84	"	"	"		"	"	"		
3				u	5		"	"	"	"		"	u	"		
4				ш	"		"	"	80	78		"	и	"		
5				ш	4		29.86	78	81	"		oq	ш	"		
6				ш	5		29.88	79	"	"		0	ш	"		
7				ш	4		29.92	"	"	u		bc	ш	1		
8				u	5		29.94	"	"	79		oq	u	0		
9				u	4-7		29.95	77	77	78		bcq	u	1		
10				ш	"		"	78	78	u		"	Cir	6		
11				u	и		ш	"	u	u		u	Cum "	"		
Noon				и	и		и	"	81	u		ш	Cum	8		
110011									01				Nimb	Ü		
Distan	ice run b	y Log	since	oreceding No	oon						ı	knots	fa	athoms.		
Latitud	de by D. I	R. at l	Noon									0		•	u	
Longit	ude by D	). R. a	at Noon	ı								0		•	ш	
Latitud	de by Ob	serva	tions a	t Noon ⊙								0		4	и	
Longit	ude by C	hrono	ometer	from Forence	on Obser	vation	s⊙					0		•	ш	
Currer time	nt during	the		knot	S	fi	ms. per	hour, se	etting to	the						
	ion of the	Com	ipass b	y Amplitude	⊙ observ	ed at \$	Sunrise					0		и	и	
				y Azimuth ©								0		"	u	
Water	expende	ed dur	ring the	preceding 2	4 hours									251 g	allons.	
Water					during	the pr	eceding	24 hou	rs						и	
Water	remainir	ng on	hand fi	t for me at N	oon									204	8 "	
Coal	onsume	d duri	ng the	preceding 24	hours								tons	275	lbs.	
Coal r	emaining	on h	and at	Noon								121	ш	2010	ш	
P,M																
1				N	4-6		29.94	78	80	77		bcq	Cum Nimb	6		
2				ш	5-7		29.91	"	"	ш		"	Cir Cum	7		
3				N by W	4-6		29.90	77	"	u		"	ш	"		
4				NNW	u		ш	"	u	ш		u	ш	8		
5				ш	4-7		ш	76	79	и		u	ш	u		
6				ш	4-6		29.92	"	78	76		u	Cir Cum	"		
7				ш	4-5		29.94	"	"	"		u	NIMD "	"		
8				ш	"		29.96	"	"	и		u	"	1		
9				u	3-5		30.01	"	"	и		oq	Cum	0		
				u	"			"	4	"		"	Nimb "	"		
10 11				NIVA/ by Al	2.6		30.03	"	4	"		u	ш	u		
				NW by N	3-6			"	77	75		u	ш	u		
Mid.							30.01		77	75						
Longit	ude by C	hrono	ometer	from Afterno	on Obse	vation	s⊙					0		•	и	
Longit	ude by C	hrono	ometer	Observation	s				:	*		0		•	ш	
Variati	ion of the	Com	ipass b	y Amplitude			ob	served	at Suns	et		0			"	
Variati	ion of the	Com	ipass b	у				at				0			"	

Commences and until 4 A.M. Overcast and squally. Fresh breeze from the N. Barometer study. Richard Jones (see W.R.C.) stood four hours extra duty.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Overcast, squally. Wind fresh from N. Received fresh provisions for crew.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Warm. Strong N[orther]ly wind, with squalls. Cir. Cum. Nimb. clouds. At 9.30, veered about 5 fathoms on starboard chain, bringing an equal strain on both. At 10, Commanding Officer inspected ship and crew at quarters, immediately after read prayers. Barometer steady.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant, with strong wind from N. Barometer falling slowly.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Pleasant. Strong N. N. W. wind. Cir. Cum. Nimb. clouds. Barometer rising slowly.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast, cool. Fresh breeze, with squalls, from N. and W. Barometer falling latter part.

(Signed) Wainwright Kellogg Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

					WINDS			BAROMETER.		TEMPERATUR		JRE.	State	Forms of	٠.	State	
Hour.		Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1					NNW	4-6		30.00	75	78	76		oqr	Nimb	0		
2						"		29.99	"	"	"		"	"	"		
3					ш	4-7		29.98	u	77	75		oq	ш	"		
4					ш	ш		"	"	"	"		"	u	"		
5					и	4-6		и	76	78	u		oqfe	u	"		
6					и	ш		30.00	75	"	"		"	ш	"		
7					ш	ш		30.01	"	77	74		"	ш	"		
8					ш	и		30.05	u	76	u		oq	"	u		
9					"	3-5		30.07	76	77	75		44	Cum Nimb	"		
10					ш	и		30.01	u	79	u		"	u	"		
11					и	3		30.07	"	"	77		"	ш	"		
Noon					N BY W	и		30.08	"	79	"		"	u	"		
			-		receding No	on						kı	nots	fa	thoms.	и	
		by D. F											0				
	Longitude by D. R. at Noon												0				
	Latitude by Observations at Noon ⊙  Longitude by Chronometer from Forenoon Observations ⊙												0	,		"	
	-	during t		meter							de -						
time		_			knot			fms. per h	iour, se	tting to t	ne		0			и	
	Variation of the Compass by Amplitude ⊙ observed at Sunrise																
	Variation of the Compass by Azimuth ⊚ observed at														260 00	llono	
	Water expended during the preceding 24 hours  Water during the preceding 24 hours														260 ga	"	
		mainin	a on	hand fi	t for me at N		y u ie p	neceding.	24 HOUI	3					1781	"	
					preceding 24									tons	875	lbs.	
		naining		-	-								121	u	1135	"	
		Ū															
P,M																	
														Cum			
1					NNW	5		30.05	77	79	76		0	Nimb	0		
2					"	5-7		30.05	"	78	"		u	"	u		
3					"	"		30.00	u	u	u		ш		u		
4					N			29.99	"				oq "				
5 6					NNW "	ш		30.01	u	"	75 "		u	u	u		
7					и	ш		30.03 30.04	"	4	"		u	ш	u		
8					"	ш		30.04	"	"	"		u	ш	"		
9					и	ш		30.07	76	77	74		u	Cum	"		
					"	u		30.0 <i>1</i>	76 "		"		"	Nimb "	"		
10					u	" 5-8				76 77	 75			ш			
11 Mid.					u	5-8		30.10	75 "	"	/5 "		"	ш	"		
iviid.																	
Lone	gituc	de by C	hrono	meter	from Afterno	on Obse	rvatio	ns ⊙					0	,		ш	
Longitude by Chronometer Observations *												0			"		
					y Amplitude			ob	served	at Suns	et		0		ı	"	
		n of the							at				0			"	

Commences and until 4 A.M. Overcast. Cool. Pleasant. Moderate gale with fresh squalls from N.N.W. Nimb. clouds passing to S. Obscured moonlight. Light sprinkling showers.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Overcast and cool. Strong wind from N. N. W. Squally. Barometer rising. Occasional sprinkling showers.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Overcast, squally, fresh breeze from N. N. W. gradually decreasing to a moderate breeze. At 9.20, exercise at General Quarters. Times as follows. Cast loose. 1<sup>st</sup> Div, 2 m[inutes] 36 sec[onds]. 2<sup>nd</sup> Div. 2 m 30 sec. Powder Div. 2 m 32 sec. Engineers Div. 1 m. Marine 30 sec. Secured. 1<sup>st</sup> Div. 2 m 05 sec. 2<sup>nd</sup> Div. 2 m 45 sec. Navigators Div. 2 m 09 sec. Powder Div. 2 m 48 sec. Engineers Div. 2 m 25 sec. Carpenter's gang at work on Danish brig. Board of Survey condemned and threw overboard 60 lbs bread dust.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Overcast and cool. Strong wind from N. and W. Overhauled both bower chains. Squally last hour. Barometer falling slowly.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast, squally. Wind strong from N. N. W. Barometer rising.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Overcast, squally. Strong wind from N. N. W. Cool. Barometer study last two hours.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

WINDS. BAROMETER. TEMPERATURE.	State Forms of F. State
Ë stee	State of the of the Clouds, by of the case of the sail the vessel is at erby symbol s. s. Sea. Sea. Sea. Sea. Sea. Sea. Sea. Sea
A,M	
1 NNW 5-7 30.10 75 77 74	oq Cum oq Nimb 0
2 " " 30.08 " 76 "	Nimb
3 " " 74 " "	u a a
4 " " 30.06 " " 75	a a a
5 NW 4-6 " 75 " 75	bcq " "
6 " " 30.09 " " "	ocq " "
7 " 4 30.12 " "	oqm " "
8 " 3 30.13 " " "	ocm "
9 NW by N " 30.16 " " "	и и и
10 NNW " 30.12 " " 74	и и и
11 " 4 " " "	u u u
Noon " 4-5 30.11 73 75 73A	u u u
Birth and the state of the stat	
Distance run by Log since preceding Noon	knots fathoms.
Latitude by D. R. at Noon	0 , "
Longitude by D. R. at Noon  Latitude by Observations at Noon ⊙	0 " "
Longitude by Chronometer from Forenoon Observations ⊙	0 " "
Current during the	
time knots lins, per nour, setting to the	0 u u
Variation of the Compass by Amplitude ⊙ observed at Sunrise	
Variation of the Compass by Azimuth ⊙ observed at	
Water expended during the preceding 24 hours  Water during the preceding 24 hours	255 gallons.
Water remaining on hand fit for me at Noon	1533 "
Coal consumed during the preceding 24 hours	tons 275 lbs.
Coal remaining on hand at Noon	121 " 860 "
<b>3</b>	
P,M ·	
1 NNW 4-5 30.09 74 76 73	oq Cum Nimb
2 " " 30.08 75 " 75	u u u
3 " " 30.06 " " "	u u u
4 4 30.05 " " "	oqd " "
5 " 4-5 30.04 " " "	oqp " "
6 2 30.04 " "	и и и
7 " " 30.05 " " "	и и и
8 WNW " 30.07 74 75 "	op " "
9 WSW " 30.09 " 76 " 10 " 12 " " 75 75	OC " "
10 1-2 13 13	
1 30.00	
Mid. " " 30.07 " " "	-
Longitude by Chronometer from Afternoon Observations ⊙	Ο ,
Longitude by Chronometer Observations *	0
Variation of the Compass by Amplitude observed at Sunset	0 " "
Variation of the Compass by at	0 , ,

### under the command of Commander Winfield Scott Schley Tuesday May 1<sup>st</sup>,1877.

, U. S. Navy.

[Editor's Note: The following note was attached to the log entry for May 1, 1877.]

U.S. Steamer "Essex" (3<sup>rd</sup> Rate) Off Vera Cruz Mexico, May 1, 1877.

The following named ordinary seamen second class, have been rated ordinary seamen from the 1<sup>st</sup> inst, inclusive. Viz.-

John W. Powers.

John Pettit.

Michael Wogan.

John Lucey

William G. Norwood.

Thomas Murphy.

James Bryson.

John W. Scott.

Michael Maugan.

John E. Kirk.

Commences and until 4 A.M. Overcast, squally. Wind strong from N. N. W. Obscured moonlight. Ship rolling slightly. Sprinkling at 4.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Overcast and misty. Strong wind from N. Squally. Decreasing towards end of watch. Clouds passing to the S. and W. Moderate swell setting to the S. Strong current setting to be E. Riding between wind and current.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Overcast and cool. Fresh breeze from N. N. W. At 9.15, inspected at quarters, afterwards had battalion drill. American schooner "Tecaua" went to sea standing to the S. Carpenter's gang at work on Danish brig "Nordley". Barometer falling slowly.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Overcast and squally. Fresh breeze from N. N. W. Light drizzling rain in latter end of watch. Carpenter's gang at work on Danish brig. Moderate swell from the N. Rolling slightly.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Overcast and cool. Light drizzling rain. Commanding Officer left the ship on two days leave of absence. Ship rolling moderately. Long swell from N. and W.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast. Light airs from S. and W. Rolling moderately. Swell setting to the S. Easterly current.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BAROMETER.		: TEMPER		ΓΕΜΡΕRΑΤΙ	ERATURE.		Forms of	53	State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Feeway in inche	at	ier. ľd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				WNW	2	30.0	2 7	4	75	74		0	Nimb	0		
2				"	и	"	"		ш	"		bc	"	4		
3				u	1-2	30.0	0 "		ш	"		0	"	0		
4				"	"	"	"		"	"		"	"	"		
5				W	0-1	30.0	1 7	3	75	"		С	Cum	"		
6				u	"	30.0			"	"		"	Nimb "	u		
7				calm	0	30.0		4	ш	"		bc	"	1		
8				"	и	"			76	75		"	Cir	2		
				Variable	0.1	"	"					u	Cum "	"		
9 10				Variable "	0-1	ш	7		79 "	76 77		u	"	1		
11				NNE	ш	30.0		0	78	77 78		"	ш	2		
Noon				"	1-2	30.0			"	"		"	"	6		
140011					1-2	30.0	2							U		
Dieter			ainaa	nennadina Ne							le.		fo	thomo		
		_		preceding No	JOH						K	nots	ıa ,	thoms.	"	
	de by D. I tude by D			,								0			"	
				t Noon ⊙								0			44	
	•			from Forence	on Ohser	vations @						0	,		"	
-	nt during		Jinotoi	knot			er hour	, settii	ng to	the						
	ion of the	Com	npass b	y Amplitude	⊙ observ	ed at Sunri	se					0	4		"	
				y Azimuth ⊙								0			u	
Water	expende	d dur	ing the	preceding 2	4 hours									251 g	allons.	
Water					during	the preced	ing 24 h	nours							"	
Water	remainin	g on	hand f	it for me at N	oon									1282	2 "	
Coal	consume	d duri	ng the	preceding 24	1 hours								tons	275	lbs.	
Coal r	remaining	on h	and at	Noon								121	ш	585	ш	
P,M																
1				NE	2	29.9			80	79		bc	Cir Cum	7		
2					3	29.9			ш	"		u	"	6		
3				NE by E	4	"	u		"	"		u	"	6		
4				ENE	5	29.9	6 "		u	78		u	"	"		
5				u	3	29.8	9 "		"	79		"	ш	"		
6				"	2-3	"	7	8	ш	"		u	"	"		
7				"	2	"	"		"	"		u	"	3		
8				"	и	29.9	0 "		"	"		u	"	4		
9				ESE	44	29.9	2 "		и	78		"	ш	7		
10				ш	ш	29.9			"	и		"	ш	8		
11				S	и	29.9			"	"		u	"	u		
Mid.				ESE	ш	29.9	1 "		"	"		и	u	7		
Longit	tude by C	hrono	ometer	from Afterno	on Obse	vations •						0	,		"	
Longit	tude by C	hrono	ometer	Observation	s				:	*		0			"	
Variat	ion of the	Com	ipass b	y Amplitude			observ	ed at	Suns	set		0			u	
Variat	ion of the	Com	npass b	у				at				0		•	"	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cool. Light airs from N. and W. Ship rolling moderately.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Cloudy. Damp. Cool. Cum. Nimb. clouds. At 5, hove in to 22 1/2 fathoms starboard and 20 fathoms port chain at water's edge. Received in Pay Department 160 lbs fresh beef, 140 lbs vegetables and 127 lbs fresh bread.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather warm and pleasant. Gentle breeze from N. and E. Inspected at quarters at 9.30. Exercised 1<sup>st</sup> and 2<sup>nd</sup> Divs, at great guns. Powder Division at small arms. Carpenter's gang engaged on Danish brig.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Cool. Pleasant. Moderate N. E[aster]ly breeze. Cir. Cum. clouds. Sent launch in for water. Carpenter's gang at work on Danish brig.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Cloudy and pleasant. Moderate breeze from E. Received 500 gall's. of water from sure by launch. Royal Mail Steamer "Echo" left at 4.30.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Light E. S. E. breeze. Cir. Cum. clouds. Starlight. At 11, moon rose. By order of Commanding Officer, Thos. C. Peuty (O.S.2.C.) and Herman Meyer (1.C.B.) stood one hour extra duty.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROMETER.		TEMPERATUR		URE.	State	Forms of		Ctoto		
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.	
A,M																	
1				SW	1-2		29.89	77	78	78		bc	Cum Nimb	2			
2				ш	"		29.86	u	u	u		ш	Cir Cum Nimb	6			
3				ш	1		29.84	u	78	77		u	"	"			
4				"	0-1		"	"	"	"		bcm	u	"			
5				SSW	1		29.85	"	"	"		bc	Cir	5			
6				Calm	0		29.86	76	u	ш		u	Cum "	7			
7				S	1		"	u	44	78		u	ш	8			
8				S by E	2		u	"	79	79		u	ш	9			
9				ш	ш		"	77	80	80		"	ш	"			
10				ESE	и		"	78	81	u		u	и	ш			
11				ENE	ш		29.82	79	82	"		"	и	6			
Noon				ш	ш		29.84	"	"	"		"	и	5			
Distan	ce run b	y Log	since	preceding No	oon							knots	fat	thoms.			
Latitud	de by D.	R. at	Noon									0	,		и		
Longit	Longitude by D. R. at Noon												,		44		
				t Noon ⊙								0	,		и		
_			ometer	from Forence	on Obsei	vatio	ns ⊙					0	,		и		
time	nt during	tne		kno	ts		fms. per h	nour, se	tting to	the							
Variati	on of the	e Con	npass b	y Amplitude	⊙ observ	ed a	t Sunrise					0	"		"		
Variati	on of the	e Con	npass b	y Azimuth 🧿	observe	d at						0	"		"		
Water	expende	ed du	ring the	preceding 2	4 hours									275 ga	llons.		
Water	rece	ived			during	the p	receding	24 hour	s					200			
				it for me at N									1	1207 and	"		
				preceding 24	1 hours							121	tons	370	lbs.		
Coal r	emaining	g on h	nand at	Noon									ш		и		
P,M																	
í. 1				ENE	2		29.81	80	83	81		bc	Cir Cum	6			
2				"	<u>.</u>		29.79	"	"	"		"	"	5			
3				E by N	3		29.78	"	"	82		u	ш	4			
4				E	"		29.77	"	"	"		"	ш	5			
5				"	2		29.76	"	"	u		bcm	ш	6			
6				"	ш		29.77	"	"	"		"	ш	4			
7				u	1		29.79	79	82	81		u	ш	3			
8				calm	0		29.80	"	"	u		u	ш	2			
9				"	и		29.84	78	"	u		u	Cum	9			
10				S by E	1		29.83	u	"	"		u	ш	8			
11				u	и		29.82	u	"	u		u	и	9			
Mid.				ш	ш		29.81	"	u	80		u	ш	u			
Longit	ude by C	Chron	ometer	from Afterno	on Obse	rvatio	ns ①					0	"		и		
Longitude by Chronometer Observations *												0			"		
Variati	on of the	e Con	npass b	y Amplitude			ob	served	at Suns	et		0			"		
Variation of the Compass by at												0			"		

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant. Light breeze from S. and W.

(Signed) James K. Cogswell

Lieut.

From 4 to 8 A.M. Clear and pleasant. Light airs from S. and W. shifting to S. and E. Barometer study.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear. Pleasant. Light S. by E. breeze. At 9, sent to launch ashore for water. At 9.30, inspected at quarters. Exercised Company A, Marines and boat keeper at small arms. Company B, single sticks. Launch came off with water. Received during the watch about 700 gall's. Inspected apprentice boys in Army code signals, gunnery and seamanship.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant, with light breeze from E. Barometer walling slowly.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Warm. Misty. Light E[aster]ly breeze. Cir. Cum. clouds. At sundown sent down topgallant yards. By order of Commanding Officer, Hermann Meyer (1.C.B.) and Thos. C. Peuty (O.S.2.C.) stood 1 1/4 hours extra watch on guarterdeck.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Misty. Light airs from E. Barometer falling slowly.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WIND	S.		BAROME	ETER.	TI	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				SSW	1		29.79	78	81	79		bc	Cir	8		
2				"			29.77	"	"	"		"	Cum "	"		
3				"	2		29.76	и	"	u		u	и	"		
4				"	"		"	"	"	"		u	и	"		
5				S	и		29.73	"	79	76		u	и	5		
6				ш	"		29.75	"	"	77		u	и	9		
7				ш	и		29.78	79	80	78		b	none	10		
8				S by E	3		29.79	80	81	79		u	и	и		
9				ESE	2		"	"	82	u		u	и	"		
10				ш	ш		29.78	81	"	u		u	ш	ш		
11				u	и		29.76	82	84	82		u	u	и		
Noon				E by S	и		29.75	84	86	84		ш	ш	и		
				oreceding No	oon						k	nots °	fat	homs.	и	
	e by D. I											0				
	ide by D											0				
				t Noon ⊙ from Forence	an Ohaa		0					0			"	
-	it during		ometer	from Forence												
time	_			knot			fms. per h	nour, se	tting to	the		0				
				y Amplitude			Sunrise					0	"		u	
				y Azimuth ©		d at						Ü		000		
			ing the	preceding 2		41		04 5	_					260 ga		
Water	Rece		hand fi	t for me at N	-	tne p	receding	24 nour	S					500 1547		
				t for me at N preceding 24									tons	275	lbs.	
	emaining				FIIOUIS							121	"	35	"	
000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	uu ut											00		
P,M																
1				E	2		29.73	84	86	84		bm	none	10		
2				ENE	и		29.70	u	u	u		u	и	u		
3				N by E	ш		29.69	83	85	u		u	ш	ш		
4				NNE	0-1		66	u	u	u		ш	ш	u		
5				N by E	ш		29.67	84	"	u		bc	Cir Cum	3		
6				u	ш		29.68	u	u	u		ш	ш	4		
7				calm	0		29.70	"	84	82		ш	ш	9		
8				N	1		29.72	"	"	u		ш	ш	ш		
9				WNW	и		29.73	82	83	u		и	ш	и		
10				"	u		ш	u	u	u		bmw	none "	10		
11					ш											
Mid.				ш	ш		и	"	"	ű			н	"		
Longit	ido bir O	bres	mete-	from After-	on Oha-	n.(04)	no (0					0			"	
-				Observation		vatio	ns o		*	<b>.</b>		0				
_				Observation y Amplitude	5		ch	convod				0			и	
							OD		at Suns	El		0			"	
variatio	on of the	Com	ıpass D	y				at					·			

Commences and until 4 A.M. Clear. Pleasant. Light S. S. W. breeze. Cir. Cum. clouds. Bright moonlight. Moon rose at 12. Very heavy dew.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from S. and E. American Mail Steamer "City of Mexico" came in and anchored. At 8, crossed topgallant yards. Commander W. S. Schley returned from leave.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant, with light breeze from S. and E. At 9.30, mustered at quarters, afterwards went to Fire Quarters. At 9° [9<sup>th</sup> hour] 32' [minutes] 55" [seconds] Engineers Division reported ready in 28", 1<sup>st</sup> Division 30", Marine Division 31", Marine Guard 31", 2<sup>nd</sup> Division 32", Powder Division 34". Secured at 9° 34' 40". Drilled 1<sup>st</sup> and 2<sup>nd</sup> Divisions at pistol drill. Sent launch ashore for water. Received mail from the United States.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Sky clear, misty about horizon. Barometer falling slowly. Received on board 500 gall's of fresh water. American Mail Steamer "City of Meridia" and an American schooner came in.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light airs from N. At sundown sent down topgallant yards. By order of Commanding Officer, E. P. Morau (1.C.B.) Patrick Punch (O.S.2.C.) F. C. Jones (1.C.B.) Wm. J. Lindon (O.S.2.C.) Harry Hill (O.S.2.C.) Thos. C. Peuty (O.S.2.C.) and Herman Meyer (1.C.B.) stood one hour on quarter deck.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and damp. Light airs from N. and W. By order of Commanding Officer, gave E. P. Morau (1.C.B.) Patrick Punch (O.S.2.C.) F. C. Jones (1.C.B.) Wm. J. Lindon (O.S.2.C.) two hours extra watch. By the same order, Harry Hill (O.S.2.C.) Thos. C. Peuty (O.S.2.C.) and Herman Meyer (1.C.B.) stood watch from hammocks till tattoo.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WINDS	i.	BAR	OMETER.		TEMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Reight in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				WNW	2	29.75	82	83	81		bcm	Cum	9		
2				u	0-1	u	"	"	"		bm	none	10		
3				W	"	29.76	"	"	"		bcm	Cum	9		
4				NW by N	4	и	u	"	80		u	ш	u		
5				N by W	3	ш	80	81	"		"	ш	6		
6				N	ш	29.81	"	82	u		bc	Cum Str	5		
7				NW	2-3	29.83	"	"	u		"	Cir	4		
8				u	2	29.84	81	83	81		"	Cum "	5		
9				NNW	1	29.82		84	83		"	u	8		
10				N	ш	"	83	85	u		"	ш	9		
11				NE airs	0-1	и	"	"	u		"	ш	"		
Noon				NE	и	ш	и	ш	и		и	u	8		
		-		preceding No	on					ŀ	knots o		athoms.	"	
	le by D. I										0			"	
	ude by D										0				
	•			t Noon ⊙	an Ohaar	vetiene O					0				
Currer	nt during		ometer	from Foreno			er hour, s	etting to	the						
time Variati	on of the	Com	npass b	y Amplitude				Ü			0		"	"	
				y Azimuth ⊙							0		u	44	
				preceding 2									260 g	allons.	
Water			Ü			the precedir	ıg 24 hoı	ırs					60		
Water	remainir	ng on	hand fi	it for me at No	_								188	7 "	
Coal c	onsume	d duri	ng the	preceding 24	hours							tons	275	lbs.	
Coal re	emaining	on h	and at	Noon							120	ш	2000	"	
P,M															
F,IVI 1				E by N	1	29.75	83	86	84		ho	Cir Cum	8		
2				E by N	1	29.73		87	85		bc "	"	"		
3				и	"	29.70		"	"		"	ш	"		
4				u	ш	29.69		"	u		u	"	"		
5				и	u	29.68		86	84		u	"	u		
6				E by S	2	29.70		"	"		u	ш	7		
7				u	ш	29.72		"	u		u	"	9		
8				SE	2-3	29.73	82	85	83		b	none	10		
9				u	2	29.75	"	"	u		u	Cum	4		
10				SW	0-1	29.76	"	86	84		bcm	"	u		
11				u	ш	"	83	85	83		u	ш	u		
Mid.				ш	ш	29.77	ш	u	44		"	ш	u		
Longit	ude by C	hrono	ometer	from Afterno	on Obser	vations ⊙					0			и	
Longit	ude by C	hrono	ometer	Observations	S				*		0		•	u	
Variati	on of the	Com	ipass b	y Amplitude			observed	at Sun	set		0		•	"	
Variati	on of the	Com	ipass b	ру			at				0		•	u	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, misty. Light airs from N. and W, increasing to a moderate breeze last hour. By order of Commanding Officer, Geo. H. Pinder (Lds) and Frank Tilghman (1.C.B.) stood for hour extra watch.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Cloudy and misty. Light breeze from N. and W. At sunrise a battery ashore fired a salute of 21 guns. The Mexican Gunboat "Libertad" got underway and stood to the S. (Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and warm. Light airs from N. and E. Barometer falling slowly. At Merid, a battery at north point of city fired a salute of 21 guns.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Whether warm and clear. Light airs from the E. Barometer falling.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 P.M. Clear and warm. Light airs from S. and E. At 6, a battery at north point of city fired a salute of 21 guns. At sunset sent down topgallant yards. Barometer rising slowly.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Warm and cloudy. Light breeze first part, calm latter part.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WIND	os.	BA	ROMETER.		TEMPERA	TURE.	State	Forms of	<b>.</b> .	State	
Hour.	Knots :	Fathoms.	Cou rses stee red.	Direction.	Force.	Heigi in inche	att'		Air Wet b. Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				S	0-1	29.7	5 82	83	82		b	none	10		
2				и	2	ш	"	u	"		"	ш	и		
3				44	0-1	29.7	2 "	"	"		"	ш	ш		
4				es	u	и	u	u	"		u	es	и		
5				u	44	29.7	4 78	82	80		bcm	Cir Cum	9		
6				44	"	29.7	6 79	"	"		u	и	и		
7				es	1	29.7	8 "	"	"		"	44	6		
8				u	44	29.8	0 80	83	81		u	ш	7		
9				SSE	"	и	81	85	82		bm	none	10		
10				"	"	29.7	9 82	"	83		"	er	и		
11				E	"	29.7	8 83	86	84		u	ш	и		
Noon				и	и	29.7	7 84	87	u		и	и	и		
Dieter				aro andina N							mata		a tha a wa a		
				preceding N	oon						knots °		athoms.	"	
	de by D. I tude by D										0			"	
-				t Noon ⊙							0			"	
				from Forence	oon Ohsei	vations 0					0			"	
-	nt during		Jinetei	Kno			er hour,	setting	to the						
Variat	ion of the	Com	npass b	y Amplitude	⊙ observ	ed at Sunri	se				0		ш	"	
Variat	ion of the	Com	ipass b	y Azimuth @	observe	d at					0		ш	"	
Water	expende	d dur	ring the	preceding 2	24 hours								260 g	allons.	
Water					during	the preced	ng 24 h	ours						и	
Water	remainin	g on	hand fi	it for me at N	loon								162	7 "	
				preceding 2	4 hours							tons	275	lbs.	
Coal r	emaining	on h	and at	Noon							120	"	1725	44	
P,M															
1				ENE	2	29.7	5 85	88	85		bc	Cir Cum	9		
2				"	"	29.7	4 "	"	"		u	"	8		
3				N	3	29.7	3 "	87	84		"	"	7		
4				N by E	"	29.7	2 "	"	"		"	ш	6		
5				u	1-2	и	84	"	85		u	ш	5		
6				"	2-3	29.7	3 "	86	84		"	"	u		
7				N	3	29.7	5 83	85	83		u	"	и		
8				"	2	29.7	9 82	"	"		u	"	и		
9				u	44	29.8	2 "	84	82		bcm	"	7		
10				calm	0	29.8	5 "	44	и		bctl m	" C:- C	u		
11				N	1	29.8	7 "	"	"		u	Cir Cum Nimb	6		
Mid.				ш	2	ш	и	44	и		ш	ш	7		
Longit	tude by C	hrono	ometer	from Afterno	oon Obse	vations ⊙					0		4	ш	
Longit	tude by C	hrono	ometer	Observation	าร				*		0			"	
Variat	ion of the	Com	ipass b	y Amplitude			observe	ed at Su	inset		0		•	"	
Variat	ion of the	Com	pass b	у			;	at			0			"	

Commences and until 4 A.M. Clear and pleasant. Light airs from S. By order of Commanding Officer, Wm H. Johnson (W.O.C) and Geo. H. Pinder (Lds) stood for hours on quarter deck. Moon rose at 1.15.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Pleasant. Misty. Light S[outher]ly airs. Cir. Cum. clouds. Received in Pay Department 160 lbs fresh beef, 140 lbs vegetables and 127 lbs bread. At 8, crossed topgallant yards.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather warm and hazy. Gentle breeze from the E. At 9.45, the Commander inspected ship and crew at quarters. Mustered crew, read laws for the Government of the Navy, and read prayers. At Meridian the battery on the shore fortifications fired a salute of 21 guns.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light E. N. E. breeze shifting to N. Cir. Cum. clouds.

(Signed) Richard G. Davenport
Lieut.

From 4 to 8 P.M. Cloudy and warm. Light breeze from N. freshening towards end of watch. Send down topgallant yards at sunset. Barometer rising. Veered to 30 fathoms on starboard chain. Shore battery fired a salute of 21 guns at sunset, in honor of the President of Mexico being declared legally elected.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Misty. Light breeze from N. Cir. Cum. Nimb. clouds. Lightning and thunder to N. and E.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

				WINDS	3.		BAROME	ETER.	TE	EMPERATI	JRE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				N	2		29.88	81	85	83		bctl	Cir Cum	4		
2				и	2-3		29.87	"	84	82		"	"	5		
3				u	1-2		29.86	u	83	81		"	"	3		
4				и	2		44	"	82	u		bcl	ш	"		
5				NW	и		29.88	u	u	80		bctl	"	u		
6				NNW	ш		29.92	u	83	"		bc	44	2		
7				u	3		29.96	"	"	81		0	ш	0		
8				N	5-7		30.00	79	80	79		oq	ш	u		
9				и	4-6		ш	78	81	u		ш	ш	u		
10				N by E	и		ш	79	82	80		bcq	ш	2		
11				NNW	ш		64	80	83	ш		**	ш	u		
Noon				"	и		30.01	82	81	81		"	ш	"		
		-		oreceding No	oon							knots	fa	thoms.		
	de by D. F											0	,		44	
	ude by D											0	,		u	
				Noon ⊙			_					0			"	
			ometer	from Foreno	on Obse	rvatio	ns ⊙					U	,		"	
time	nt during t	uie		Kno	ts		fms. per h	nour, se	tting to t	he						
Variati	on of the	Com	pass b	y Amplitude	⊙ obser	ved at	Sunrise					0			"	
Variati	on of the	Com	pass b	y Azimuth ⊙	observe	d at						0	4		"	
Water	expende	d dur	ing the	preceding 2	4 hours									260 ga		
Water					during	the p	receding	24 hour	s						"	
Water	remainin	g on	hand fi	t for me at N	oon									1367	7 "	
Coal c	onsumed	l duri	ng the	preceding 24	hours								tons	275	lbs.	
Coal re	emaining	on h	and at	Noon								120	и	1450	и	
P,M																
1				NNW	4-6		30.00	82	84	81		bcq	Cir Cum	4		
2				N by W	и		ш	u	83	80		"	"	3		
3				"	и		29.96	81	81	79		oq	Cum	и		
4				и	и		ш	80	"	78		bcq	Nimb "	1		
5				и	5-7		29.95	78	80	"		oq	ш	0		
6				и			29.97	"	"	и		"	ш	"		
7				и	ш		29.99	77	"	"		"	ш	"		
8				ш	и		30.00	u	u	ш		"	"	u		
9				ш	4-6		30.02	u	79	ш		bcg	"	4		
10				и	и		30.03	"	"	ш		"	ш	2		
11				ш	ш		30.04	"	"	77		"	ш	3		
Mid.				"	ш		30.02	"	"	u		oqr	ш	0		
					<u>.</u>											
•	•			from Afterno		rvatio	ns o			_		0			"	
-				Observation	S				*			0				
				y Amplitude			ob		at Sunse	et		0	·			
Variati	on of the	Com	ipass b	у				at				U			и	

Commences and until 4 A.M. Cloudy and warm. Light breeze from N. Occasional thunder and lightning throughout watch.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy, with a light breeze from N. and W. Thunder and lightning first hour. During last hour wind increased to a strong breeze with squalls. Veered to 35 fathoms starboard chain.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast. Hazy. Pleasant. Strong breeze with squalls from N. Cir. Cum. clouds. At 9.30, exercised at General Quarters.

Time Casting Loose. At 9h[our] 49'[minutes] 44" [seconds] Secured Times. Marine Guard 9h 30' 45" Powder Div. 9h 52' 03" Engineers Div. " 31' 20" Engineers Div. "50'07" Paymaster Div. " 31' 22" Marine Guard " 54' 00" " 31' 22" 2<sup>nd</sup> Div. Paymaster Div. "51'10" " 53' 15" Surgeon's Div. " 31' 22" 2<sup>nd</sup> Div. " 31' 40" 1<sup>st</sup> Div. Surgeon's Div. -----Navigator's Div. " 31' 24" 1<sup>st</sup> Div. " 52' 50" Powder Div. " 32' 10" Navigator's Div. "50' 47"

Crew engaged in getting ship ready for sea.

(Signed)Richard G. Davenport Lieut.

From Merid. to 4 P.M. Cloudy cool. Strong breeze with squalls from N. and W. Bent fore try sail.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Overcast. Pleasant. Strong wind with squalls from N. by W. Bromwich are rising. Engaged in getting ship ready for sea.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast, squally. Wind strong from N. by W. Slight fall of rain last hour.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Vera Cruz, Mexico

Market   M					WINDS	S.		BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
N	Hour.	Knots	Fathoms.	rses stee	Direction.	Force.	Leeway.	in	Ther. att'd.	Dry	Wet	at	of the Weath er by symbol	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	
	A,M																
Second Content and Line   Second Content	1				N	4-6		30.02	77	80	78		oa		0		
A					"					"			"				
					ш				"	"	"		"	ш	и		
No					ш				u	"	"		"	"	u		
NN NN					"				76	78	76		"	и	и		
No by   No by   No series					NNW			30.03					bc	"	2		
No											75		"	"			
No						2			78				"	"			
10													"	ш			
The contribution of the Compase by Amplitude   Shows											90		44	и			
NNE					N								44	и			
Distance run by Log since preceding Noon   Latitude by D. R. at Noon   Cungitude by D. R. at Noon   Service of the Compass by Arightude object of the Com						"		30.05		83	70		44	44			
Latitude by D. R. at Noon  Longitude by Chronometer from Forencon Observations ⊗  Current during the troop say by Amplitude ⊗ observed at Surrise  Variation of the Compass by Amplitude ⊗ obser								00.00		00	70						
Latitude by Observations at Noon   Longitude by Observations at Noon   Longitude by Observations at Noon   Longitude by Observations at Noon   Current during the   Knots   Kn	Distan	nce run l	y Log	since	preceding No	oon							knots	fa	athoms.		
Lalitude by Observations at Noon ②	Latitud	de by D.	R. at	Noon									0		•	ш	
Longitude by Chronometer from Forenoon Observations © " " " " " " " " " " " " " " " " " "	Longit	ude by	D. R. a	at Noor	1										4	и	
Current during the time    Roots   Fines per hours, setting to the time   Variation of the Compass by Amplitude © observed at Sunrise   Capacitan of the Compass by Amplitude © observed at Sunrise   Capacitan of the Compass by Amplitude © observed at Sunrise   Capacitan of the Compass by Azimuth © observed at Sunrise   Capacitan of the Compass by Azimuth © observed at Sunrise   Capacitan of the Compass by Azimuth © observed at Sunrise   Capacitan of the Compass by Azimuth © observed at Sunrise   Capacitan of the Compass by Azimuth © observed at Sunrise   Capacitan of the Compass by Azimuth © observed at Sunrise   Capacitan of the Compass by Amplitude   Capacitan of the Ca	Latitud	de by Ol	oserva	ations a	t Noon ⊙										•	ш	
Wariation of the Compass by Amplitude © observed at Sunise         °	_			ometer	from Foreno	on Obser	vatior	ns ⊙					0		•	ш	
Variation of the Compass by Amplitude ⊙ observed at Sunrise         °         °         °         °         °         °         Name         °         Name         °		nt during	the		knot	ts		fms. per	hour, se	etting to	the						
Water expended during the preceding 24 hours  Water remaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  The Conjecting 24 hours  Vater remaining on hand at Noon  Coal remaining on hand at Noon  F.M.  P.M.  1 2 4 NE V2N NNW 4 30.02 79 82 79 81 0 Cum Nimb 0 N		ion of th	e Con	npass b	y Amplitude	⊙ observ	ed at	Sunrise					0		44	и	
Water remaining on hand fit for me at Noon         Tills           Coal consumed during the preceding 24 hours         10 tons         1115 lbs.           P,M           P,M           1         2         4         NE         NNW         4         30.02         79         82         79         81         0         Cum Nimb         0         <	Variati	ion of th	e Con	npass b	y Azimuth ⊙	observed	at						0		44	и	
Water remaining on hand fit for me at Noon         1115	Water	expend	ed du	ring the	preceding 2	4 hours									252 g	allons.	
Coal consumed during the preceding 24 hours  10 tons 1155 lbs.  Coal remaining on hand at Noon  110 " 295 "  P.M  1 2 4 NE	Water					during	the p	receding	24 hou	rs						ш	
P.M  1	Water	remain	ing on	hand f	it for me at N	oon									111	5 "	
P,M  1	Coal	consume	ed dur	ing the	preceding 24	1 hours							10	tons	1155	lbs.	
1 2 4 NE	Coal r	emainin	g on h	nand at	Noon								110	u	295	ш	
1 2 4 1/2 N NNW 4 30.02 79 82 79 81 0 Nimb 0 2 7 6 " NNE " 30.00 78 " " " ofe " " " 3 7 4 " " " " 81 " 78 " " " " " " " 4 7 4 " " " 3 " " 80 " 79 " " " " " " 5 7 4 " " NN by N " 30.02 " " " 81 " " " " " " " 6 7 7 6 " " " " " " " " " " " " " " " "	P,M																
2 7 6 " NNE " 30.00 78 " " " ofe " " " 4 78 " " " " 4 78 " " " " 4 78 " " " 4 78 " " " 4 78 " " 78 79 " " " "	1	2	4		J NNW	4		30.02	79	82	79	81	0		0		
## To be a composed property of the Compass by Amplitude   A composed property   A compo	2	7	6			"		30.00	78	"	u	u	ofe		и		
\$\frac{4}{5} \frac{7}{7} \frac{4}{4} \frac{1}{6} \frac{7}{7} \frac{4}{4} \frac{1}{6} \frac{7}{10} \frac{1}{6} \frac{7}{7} \frac{4}{6} \frac{1}{6} \frac{1}{7} \frac{1}{6} \fra	3	7	4	"	ш	"		и	81	"	78	u	и	ш	u		
6 7 4 " NN by N " 30.02 " " " 81 " " " " 88 " " " 88 " " " 88 " " " 88 " " " 88 " " 88 " " 88 " 8	4	7	4	"	"	**		u	80	"	79	"	"	"	"		
Solid   Soli	5	7	4	"	ш	3		ш	u	"	u	80	u	ш	и		
7 7 6 " " " 30.03 " " " " " " " " " " " " " " " " " " "	6	7	4	"		и		30.02	u	"	u	81	ш	ш	и		
8 7 6 " " " 30.03 " " " " " " " " " " " " " " " " " " "	7	7	6	"	"	"		и	"	"	u	u	u	ш	и		
9 7 6 " " " 30.07 79 " 78 " " " " " " " 10 7 4 " " " " " 30.05 80 81 " " " " " " " " " " " " " " " " " "				"	44	"		30.03	"	"	u	u	"	ш	и		
10 7 4 " " " 30.05 80 81 " " " " " " " " " " " " " " " " " "	9	7	6	"	и	44			79	"	78	"	"	ш	"		
11       5       0       "       "       "       "       80       "		7		"	и	44				81		"	u	"	u		
Mid. 5 0 " NE " 30.02 " " " 81 " " "  Longitude by Chronometer from Afternoon Observations ©				"	"	u					"	80	u	ш	u		
Longitude by Chronometer Irom Artemoon Observations *				и	NE	u		30.02	и	ш	и		и	и	u		
Longitude by Chronometer Observations * ° ' "  Variation of the Compass by Amplitude observed at Sunset ° "	Lonait	ude by	Chron	ometer	from Afterno	on Obser	vatio	ns ⊙					0			u	
Variation of the Compass by Amplitude observed at Sunset ° "	_						5			:	*		0			"	
	-							oh	served				0			"	
													0			и	

Commences and until 4 A.M. Overcast. Pleasant. Strong wind from N., with squalls and drizzling rain first hour. Cum. Nimb. clouds.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy first half, clear and pleasant last half of watch. Hoisted smoke pipe, and at 6.30 started fires under six boilers. Making preparations for sea. Got up and bent mainsail. English steamer "Haytian" came up from Sacrificios and moored to buoy.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Cloudy. Moderate breeze from N. Secured boats for sea. Stowed sheet anchor below. Hove up stern anchor. At 11.30 got underway under steam. Draught of water. Foreword 13 feet 6 in. Amidships 14 feet 6 in. Aft 15 feet 8 in. Steam in six boilers. Average pressure 68 lbs. Temp of bunkers 96°.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Overcast. Moderate breeze from N. N. W. first hour, and from N.N.E. remainder of watch. Secured both bower anchors fore sea, unbent bower chains and paid them below. Put on chafing gear. At 12.40 took departure. Pass Juan De Ulloa bore (pc) S. W. by S. distant three miles. At 1, set Fore try sail. At 1.30, took in Fore try sail, and put over patent log. Exchanged colors with an American schooner, heading to S. and W. Took in jib, Main try sail and spanker at 2.05. Steam in six boilers. Average pressure 68 lbs. Temp of bunkers 90°. Revolutions 51. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 6 P.M. Overcast. Light breeze from N. and E. Moderate swell from the N. Clouds passing to S. (Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Overcast. Pleasant. Fresh N. E. by E. breeze. Cum. Nimb. clouds. Barometer rising slowly. Steaming under six boilers. Average steam pressure 58 lbs. Temp of bunkers 90°. Revolutions 50. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast, cool. Moderate breeze from N. E. by E. Steaming with six boilers. At 10, stopped engines for 15 minutes to cool a hot bearing. Steaming slowly last two hours on account of hot bearing. Steam pressure 65 lbs. Revolutions 45. Temp of bunkers 95°.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

				WIND	s.		BAROME	TER.	TE	MPERATI	JRE.	State	Forms of		State	
Hour.	Kno ts.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1	8	2	NE by N	NE	3		29.98	78	81	77	82	0	Cum Nimb	10	S	
2	8	6	66	u	u		29.97	ш	"	и	u	"	ш	ш	u	
3	8	4	"	u	ш		29.95	"	80	76	81	и	ш	"	и	
4	8	0	66	u	2		29.97	79	"	u	u	"	44	ш	u	
5	7	4	"	ш	ш		30.00	"	"	77	80	и	Cum	"	и	
6	7	2	и	ш	ш		30.02	u	"	и	u	"	" O:	"	и	
7	7	4	44	ш	3		30.03	"	44	и	u	bc	Cir Cum	4	и	
8	7	6	44	u	4		30.04	u	81	78	u	u	"	7	u	
9	7	6	66		3		30.05	"	83	79	81	"	ш	"	"	
10	8	0	"	NE by E	"		30.03	"	"	u	u	"	u	6	"	
11	7	4	"	NNE	"		"	81	84	80	u	"	ш	7	"	
Noon	5	6	66	u	ш		30.02	"	"	и	и	u	"	"	u	
Dista	nce run	by Lo	g since p	receding No	on						17	3 knots	4 f	athoms		
Latitu	de by E	). R. a	t Noon									21 °	09 '	00	O "N	
			. at Noon									93 °	52 '	30		
			vations at				_					21 °	21 '	14		
-	tude by nt durir			rom Foreno	on Obser	vatio						93 °	43 '	30	) "W	
time	nit duni	ig tile		knot	s 4		fms. per h	our, se	tting to t	he N	I 37° E					
Varia	ion of t	he Co	mpass by	Amplitude	⊙ observ	ed at	Sunrise					0	и		"	
				Azimuth ⊙		d at 7	.30 A.M.	6° E				0	ű		и	
				preceding 2										250 g		
Wate		nden:			_	the p	receding :	24 hour	S					600		
				for me at N									tono	146	,	
				receding 24	nours								tons "		lbs.	
Coar	Cilialili	ng on	hand at N	10011												
P,M																
1	5	0	NE 1/2 N	ENE	3		30.01	81	84	80	82	bc	Cir Cum	5	S	Jib, F.T.M. staysail, Fore and Main trysail
2	5	4	"	и	"		29.98	80	82	78	81	"	ш	4	"	spanker.
3	6	0	u	u	ш		29.96	"	"	"	и	u	ш	5	и	
4	6	0	44	u	u		29.95	u	"	ш	80	u	ш	6	u	
5	6	0			ш		29.97	79	81	и	и	"	ш	"	и	Jib, F.T.M. staysail
6	5	6	NE by N	NE by E	ш		**	78	80	77	и	ш	и	7	и	Fore and Main trysail
7	5	4	NE 1/2 N	E	4		29.94	u	79	76	u	"	Cum	u	u	spanker
8													u		u	
	5	6	u	"	4-5		29.96	"	44	77	"	"		8	-	Head sails, Fore
9	5 4	6 6	ш	u	4-5 3-4		29.96 30.00	"	"	77 "	" 79	u	ш	8	u	Head sails, Fore and Main trysail.
9 10	4 3	6 4		" E by N				" 77	u		" 79 78	u			ш	
10	4 3 2	6 4 0	ш	E by N	3-4 3		30.00 30.02		u	ш		и	и	7		
10 11	4 3 2 5	6 4 0 4	" NE by N		3-4		30.00 30.02 29.99		a a a	и	78		" Cir Cum	7	ш	
10	4 3 2	6 4 0	" NE by N "	E by N	3-4 3		30.00 30.02		es es es	и	78	" bcl	" Cir Cum	7	ш	
10 11 Mid.	4 3 2 5 5	6 4 0 4 0	NE by N	E by N ENE	3-4 3 4 "	vatio	30.00 30.02 29.99 29.98		62 62 63	и	78	" bcl	" Cir Cum " Cir Cum	7	ш	
10 11 Mid. Longi	4 3 2 5 5	6 4 0 4 0	" NE by N " "	E by N ENE " rom Afterno	3-4 3 4 " on Obser	vatio	30.00 30.02 29.99 29.98			" " 76	78	bcl	Cir Cum Cir Cum Nimb	7	ш	
10 11 Mid. Longi	4 3 2 5 5 tude by	6 4 0 4 0 Chro	" NE by N " " nometer f	E by N ENE	3-4 3 4 " on Obser	vatio	30.00 30.02 29.99 29.98 ns ⊙	77 "	" " * at Sunse	76	78	bcl "	Cir Cum  Cir Cum Nimb	7	ш	

Commences and until 4 A.M. Overcast. Light breeze from N. E. Steam in six boilers. Average pressure 65 lbs. Temp of bunkers 120°. Revolutions 51. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Overcast weather. Moderate breeze from N. E. Sea smooth. Clouds passing to the W. Steaming with six boilers. Distilling.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear. Pleasant. Light N. E. breeze. Cir.Cum. clouds. Barometer falling slowly. At 9.15 inspected at quarters. Exercised 1<sup>st</sup> and 2<sup>nd</sup> Divisions at great guns, Marine Guard at small arms. Steaming under six boilers. Average steam pressure 55 lbs. Temp of bunkers 106°. Revolutions 48. Distilling. At Merid, hauled in patent log, showing 177 1/4 miles, reset and put overboard again.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E. N. E. Steaming with four boilers. Bent light sails. Average pressure 50 lbs. Temp of bunkers 98°. Revolutions 36.5.

(Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Cloudy and pleasant. Light E[aster]ly breeze. At 5.50 took in all fore and after sail. Barometer rising slowly. About 5 passed a number of greasy patches on the surface of the water, and observed at the same time a strong smell of petroleum. Steaming one half power. Average steam pressure 45 lbs. Barometer 35. Temp of bunkers 90°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 6 to 8 P.M. Cool and pleasant. Fresh breeze from the E. Set fore and aft sail at 7. Distilling.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Light N. by E. breeze. Cir. Cum. clouds. At 9.30 took in fore and aft sail. At 9.40 changed course to N. E. by N. Lightning to N. and E. Steam in four boilers. Average steam pressure 39 lbs. Temp of bunkers 105°. Revolutions 35.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

				WINE	os.		BAROM	ETER.	TE	EMPERAT	URE.	State	Forms of		State	
Hour.	K n ot s.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1	5	0	NE by N	ENE	3		29.99	78	79	76	80	ос	Cum Nimb	0	S	Jib, .F.T.M. staysail
2	5	6	"	u	"		29.96	ш	"	"	ш	bcl	"	5	ш	Main try sail and
3	6	0	ш	u	4		29.95	ш	"	u	79	и	и	4	u	spanker
4	6	4	66	u	"		u	"	"	u	"	bc	ш	3	"	ш
5	7	0		E by N	ш		ш	ш	ш	ш	80	0	ш	0	ш	и
6	5 1	6 2	 NE 1/2 N	ш	er		u	77	"	u	81	bc	ee	2	М	и
7	6	6	44	u	"		30.00	"	"	77	79	0	ш	0	"	ш
8	6	4	ш	Е	4-5		u	u	"	ш	ш	ш	и	ш	ш	as a second
9	7	0	es	u	ш		ш	ш	ш	и	u	bc	Cum	2	и	Fore and aft sail.
10	7	0	NNE		"					"				u		Plain sail to topgal-
11	7	4	N by E	E by N	4	1	29.98	"	"	76	78	ű	ű	4	ш	-lant sails.
Noon	6	6	N by E 1/2 E	u	"	1	29.97	ш	"	и	u	и	ш	5	ш	Mainsail.
D: 1											4.					
			-	receding No	on						14	45 knots		fathoms.		
			at Noon R. at Noon									23 ° 92 °	07	, 30		
_			rvations at	Noon @								23 °	00	' 44		
				rom Foreno	on Obse	rvations (	•					92 °		' 00		
Curre				Kno			s. per hour	satting	to the		N 30° V		00			
time	ion of	the (	omnass by	Amplitude				, setting	to tric					u	и	
				Amplitude Azimuth ⊙								6 °		u	" E	
				oreceding 2		a at 7.10	, ,					Ü		244 ga		
Wate		onde		3		the prec	eding 24 h	ours						400		
r Water				for me at N	-	o p. 00	oug	.00.0						1621		
				receding 24								4	tons	2195	lbs.	
			n hand at N	-								93	"	340	u	
P,M																
1	5	6	NNE	E	4	1	29.96	77	79	76	78	bc	Cir Str Cum	5	М	
2	5	0	NE by N	E by S	"	ш	29.95	и	u	ш	77	и	u	2	ш	
3	5	0	NNE	E	"	u	29.94	76	78	и	"	44	ш	5	"	All plain sail and
4	5	0	NE by N	ESE	"	"	29.92	и	"	и	"	"	ш	6	и	royals and F. jib.
5	5	0	"	E by S	3	1/2	29.94	и	u	и	"	0	Cum	0	ш	и
			N by E	Ε	4	"		и	77	75	"		Nimb Str Cum	4	ш	u
6	5	4	1/2 E	<u> </u>			29.95	u	77	75	70	bc "	Nimb "		ш	0: 1 (1)
7	6	4	u	u	5	1/4				76 "	76 "	u	"	1 2	ш	Single reefed topsails
8 9	7 7	6 4	NNE	и	5-6 4-5	1/2	29.99 29.97	"	"	75	"	44	Cum	7	ш	topgallant sails and spanker.
			N by E	u		"		7.5	u		"	и	«		ш	spanker.
10	7	4	3/4 E		5		29.99	75		74			Cum	8		
11	7	4	u	u	"	u	ш	ш	и	ш	u	и	Nimb	5	ш	и
Mid.	7	2	NNE	u	4	и	29.98	и	и	и	**	и	"	и	и	
Lone	huda L	W CF	onometer f	rom A#a==-	on Oha-	nuotions :	2					0			и	
_				rom Afterno		vations (	ی		*	b.		0				
_			conometer Compass by	Observation	5		ام	seen to d	at Suns			0		4	"	
			Compass by				OL	at	at JuilS	οι		0			44	
vandl	ال ۱،ر.	u 10 C	ompass by					aı								

Commences and until 4 A.M. Cloudy. Cool. Moderate breeze from E. N. E. Lightning to E. Steaming with four boilers. By order of Commanding Officer, John Hartigan (O.S.2.C.) Patrick Punch (O.S.2.C.) Francis Shields (O.S.2.C) Patrick Duffy (1.C.B.) each stood two hours extra lookout. Average steam 60 lbs. Temp of bunkers 96°. Revolutions 37.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Overcast. Pleasant. Moderate breeze from N. and E. About 5 sighted a schooner heading to S. and W. At 5.50 changed course to N.E. 3/4 E. Steaming half power. Average pressure 47 lbs. Temp of bunkers 90°. Revolutions 40. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Moderate breezes from E. At 9 made sail to topsails and topgallant sails. Disconnected engines. At 9.50 set mainsail. At 11.30 set gaff topsail. Ship steady. Distilling. Sea moderate. Patent log read 156 3/4 miles.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Moderate E[aster]ly breeze. Cir. Cum. Str. clouds. Barometer falling slowly. Moderates sea. Fires banked in two boilers. Distilling. Average steam pressure 35 lbs. Temp of bunkers 94°.

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Cloudy and cool. Moderate breeze from E. Barometer rising slowly. Fires banked in two boilers. Pressure 35 lbs. Temp of bunkers 88°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M. Cloudy and pleasant. Moderate breeze increasing to fresh breeze from E. At 6.15 took one reef in topsails and furled gaff topsail. Fires banked in two boilers. Average steam 35 lbs. Temp of bunkers 88°. Distilling. Barometer rising.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Fresh breeze from E. Clouds passing to the W. Moderate sea. Ship steady. Distilling.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

								-	_		t Sea	1.				
Hou r.	K n o t	Fathoms.	Courses steered.	WINDS Direction.	Force.	Leeway.	Height in inches.	Ther att'd	Air Dry Bulb.	Air Wet Bulb.	TURE.  Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A, M.																
1	6	6	NNE 3/4 E	E by S	3- 4	1/2	29.98	74	76	74	77	bc	Cir Cum	6	M	F. and M. Sail, single
2	7	0	NNE 1/2 E	u	и	"	29.96	"	"	"	u	"	u	7	"	reefed topsail, T.G. sails
3	7	0	NNE	E	4	"	29.98	"	"	u	u	"	**	8	"	jib. F.T. M. stay sail
4	6	4	N by E 1/2 E	u	3	ш	u	и	"	и	u	"	"	7	и	& spanker.
5	6	4	NNE	u	64	44	29.99	u	"	u	ш	"	Cum Nimb	6	u	
6	5	2	S by E	E by S	и	3/4	29.99	u	"	u	76	u	"	7	"	
7	5	0	u	и	ш	1/2	"	"	"	"	u	ш	u	5	"	All plain sail, except
8	6	2		и	"	0	30.01	ш	77	75	77	"	44	4	"	royals, jib & gaff
9	6	0	S by E 1/2 E	ш	3- 4	1/4	u	76	"	u	u	"	"	3	u	topsail.
10	6	4	S by E 3/4 E	u	44	1/2	30.03	"	"	и	u	"	u	4	и	и
11	5	6	S by E 1/2 E	u	и	44	30.04	77	79	76	u	ш	ш	7	u	а
No on	3 2	4 4	N by E 1/4 E	ш	ш	и	ш	ш	ш	и	и	и	ш	6	u	F.T. M. staysail.
Dista	nce rı	un by	Log since	preceding N	loon						14	49 knots		0 fathoms	i.	
Latitu	de by	/ D. F	R. at Noon									24 °	22	' 0	0 "N	
Longi	tude	by D.	R. at Noor	ı								91 °	09	' 0	0 "W	
Latitu	de by	y Obs	ervations a	it Noon ⊙								24 °	29	' 2	7 "N	
				from Foren	oon Ob	servation	ns ⊙					91 °	20	' 0	0 "W	
Curre time	nt au	iring t	ne	kno	ots 4	4	fms. per h	our, se	tting to	the	N 53° W					
Varia	tion o	of the	Compass b	y Amplitude	e ⊙ obs	erved at	Sunrise					0		u	44	
				y Azimuth			A.M.					6 °		u	"E	
			-	preceding										-	allons.	
Wate			ensed			ing the p	receding 2	24 hour	S					20		
				it for me at I preceding 2								1	tons	157 1915	lbs.	
			on hand at		4 Hours	•						91	"	665	"	
P,M																
1	6	4	N by E	Е	3	1/4	30.04	77	79	76	77	bc	Cir Cum	5	М	и
2	7	0	N by E	"	ш	"	u	76	"	u	"	u	ш	4	"	и
3	8	0	1/2 E N by E	ш	и	"	29.99	44	78	и	u	и	es	u	u	и
4	8	0	3/4 E NNE	u	ш	0	29.97	"	"	"	76	u	44	5	"	ш
5	7	4	N by E	и	и	"	29.96	и	77	и	"	u	и	4	u	ü
6	4	0	1/2 E N by E S by E	и	и	1/4	29.98	ш	"	u	"	ш	и	"	u	и
	1	0	1/4 E	и				"					Cum	_	"	
7	5	0	SSE S by E	u u	4	3/4	29.96			75	77		Nimb	5		Single reefed topsail
8	5	0	1/2 E S by E	 E by	"	"	29.97			74	76 "			4		courses, jib, F.T. M.
9	4	6	1/4 E	S			29.98		78	u		•		5	u	staysail, spanker
10	4	4	" S by E	и	3-5	u	30.00			76	"			6	u	
11	5	0	1/2 E				29.98	-	77	и	77			4		
Mid.	4	0	и	ш	"	u	29.97	и	и	u	u	и	и	3	и	и
Longi	tude	by Cl	nronometer	from Aftern	oon Ob	servatio	ns ⊙					0		•	и	
Longi	tude	by Cl	nronometer	Observatio	ns				;	k		0			u	
Varia	tion o	of the	Compass b	y Amplitude	e		obs	served	at Suns	et		0		"	и	
Varia	tion o	f the	Compass b	ру				at				0		•	"	

Commences and until 4 A.M. Clear. Cool. Pleasant. Moderate E[aster]ly breeze. Cir. Cum. clouds. Bright starlight. Moderates sea. Fires banked in two boilers. Stopped distilling at 1.50. Average steam pressure 18 lbs. Temp of bunkers 88°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant, cool. Moderate breeze from E. At 5 wore ship. At 6 shook reefs out of topsails. Fires banked in two boilers. Average pressure 25 lbs. Temp of bunkers 86°. Commenced distilling at 6.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from S. and E. At 9.15 inspected at quarters, afterwards exercised at fire quarters. Divisions reported ready as follows, Viz. 1<sup>st</sup> Div. 3 m 55"[seconds]. Engineers Div. 2 m. Powder Div. 2 m 15". Surgeon's Div and Marine Guard 2 m 05". Secured in 2 m 20". At 11.30 called all hands and tacked ship, time 8 m. Fires banked in two boilers. Average steam pressure 35 lbs. Temp of bunkers 88°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Fresh breeze from E. At 3 banked fires. Sea moderate. Ship steady.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear. Pleasant. Moderate E[aster]ly breeze. Cir. Cum. clouds. Moderate sea. At 5.30 attempted to tack ship, wind hauling two points, missed stays. At 5.45 tacked ship, time 6 m to S.

(Signed) Richard G. Davenport Lieut.

From 6 to 8 P.M. Clear and pleasant. Moderate breeze from E. At 6.30 reefed topsails. At 6.40 took in topgallant sails.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Overcast but pleasant, with wind fresh in squalls from E. by S. At 11.45 wore ship.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

				W	INDS.		BAROMI	ETER.	Т	EMPERAT	URE.	01-1-	F		04-4-	
Hour.	K n o t	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Skv. in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1	5	0	NNE	E	3	1	29.95	77	78	77	77	ос	Cum Nimb	0	m	Single reefed topsails
2	4	0	NNE 1/2 E	"	2-3	1 1/4	"	ш	ш	"	"	bcl	ш	1	"	Courses T.F.T.M.S.S.
3	4	6	NE by N	E by S	3	1	29.97	76	и	ш	u	ш	ш	3	ш	
4	5	0	NE 1/2 N	u	3-4	u	29.95	u	и	"	u	ш	ш	2	"	
5	4	0	и	ESE 1/2 E	4	2	29.92	77	ш	u	u	bc	ш	1	u	
6	5	0	ш	"	4	1/2	29.94	и	ш	ш	u	и	и	0	"	
7	5	0	S 1/2 E	u	4-6	u	29.96	ш	ш	"	u	ш	ш	3	u	
8	4	0	NE 1/2 E	se by e 1/2 e	ш	1/4	29.94	78	79	78	"	ш	ш	4	"	
9	5	6	NE by E	SE by E	5	"	ш	ш	ш	"	78	и	ш	3	"	Topsails, Courses &
10	6	4	44	"	4	1/2	29.93	u	и	ш	u	ш	ш	2	ш	F.T.M. Staysail.
11	6	4	"	ш	5	u	u	ш	80	"	u	ш	Cir Cum Nimb	ш	u	F.T.G. sail.
Noon	7	0	ш	"	ш	1/4	29.92	ш	ш	"	"	ос	ш	0	"	а
D: 1											40					
			Log since pr at Noon	eceaing ind	oon							2 knots 25 °	14	fathoms		
			R. at Noon									90 °	20			
_			ervations at	Noon ⊙								25 °	19			
Longi	tude t	y Ch	ronometer fi	rom Foreno	on Observ	ations ⊙						90 °	19	00	) "W	
Curre time	nt dur	ring th	e	knot	s 2	fn	ns. per hour	r, setting t	o the	١	٧					
Variat	ion of	f the (	Compass by	Amplitude	<ul><li>⊙ observe</li></ul>	d at Sunris	se					0		4	ш	
Variat	ion of	f the (	Compass by	Azimuth ⊙	observed	at 8 A.M.						6 °	•	4	"E	
		ended	during the p	oreceding 2										244 g	allons.	
Water		ninina	on hand fit	for me at N	_	he precedi	ng 24 hours	8						132	 7 "	
			during the p									5	tons	2195	lbs.	
			n hand at N	-								85	"	710	"	
_																
P, M.																
1	7	2	NE 1/4 E	SSE	5	1/4	29.92	77	79	78	76	0	Cir Cum Nimb	0	М	Topsails & F.T.M.S.S. [fore top main stay sail]
2	7	0	NE 1/2 E	и	66	ш	29.90	u	и	"	ш	u	и	"	u	и
3	4	0	NE	и	2	ш	ш	u	и	"	ш	orlb	и	"	u	и
4	2	0	NE by N	SE	3	0	29.92	"	и	"	ш	"	ш	"	"	а
5	4	4	E	W by S	"	ш	ш	75	73	72	75	orfl	и	"	"	Steaming 6.B.
6	3	0	ш	"	2	u	и	ш	и	44	u	orf	и	"	ш	44
7	10	0	"	" NE by	3	ш	29.90	76	75	74	76	"	u	"	"	4
8	8	6		E	4-6	ш	29.92	77	74	"	77 "					
9 10	8 7	0 2	"	ENE NE	5-7 "	"	29.93	76 75		"	 76	oql "	u	"	"	и
11	7	4	ш	E	44	ш	29.95	"	75	"	"	ш	и	"	u	а
Mi	7	4	и	"	ш	44	29.92	"	76	ш	"	"	u	"	"	ű.
d.	•	•					,		. •							
Longi	tude t	y Ch	ronometer fr	rom Afterno	on Observ	rations ⊙						0			и	
Longi	tude t	y Ch	ronometer C	Observation	s				;	*		0			"	
			Compass by				obsen	ved at Su	nset			0			ш	
Variat	ion of	f the (	Compass by					at				0		•	"	

Commences and until 4 A.M. Clear first part of watch, cloudy latter part. Fresh breeze from E. Squally. Sheet and forked lightning to the S. and W. Clouds passing from S. W. to N.E. Barometer unsteady. Furled jib.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy. Pleasant. Fresh E[aster]ly breeze. Cum. Nimb. clouds passing to N. and S. and E. At 5 shook reefs out of topsails. At 5.15 set spanker. At 6 wore ship to S. At 6.20 set main topgallant sale and jib. At 7.10 wore ship to N. and E.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Cloudy, with fresh breeze from S. E. by E. At 10.15 set fore topgallant sail. Barometer falling slowly.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Overcast. Rainy last two hours, with lightning and thunder. Squally. At 1.45 took in mainsail. Bent fore storm staysail and storm mizzen. Hoisted smoke pipe. At 2 started fire in six boilers. Took in topgallant sails at 2.30, spanker and foresail at 2.45, and jib at 2.50. At 4 braced in fore and main yards. Wind suddenly shifted to W. Barometer rising slowly last part.

(Signed) Sam. C. Lemly Ensign.

From 4 to 6 P.M. Thick foggy weather. Heavy rain, with chain lightning, thunder. Wind moderate from S. W. Squally. At 5.50 started engine. Took in and furled topsails and topmast staysail. Barometer steady.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Overcast. Rainy. Thick. Thunder and lightning. Squalls passing ahead from N. and E. Steaming six boilers. Average steam 60 lbs. Revolutions 50. Barometer rising.

(Signed) Richard G. Davenport

Lieut.

From 8 to Midnight. Overcast, rainy, squally. Very fresh breeze from N. and E. Steaming with six boilers. Lightning to S. and E. Barometer unsteady. At 9 sent down topgallant yards. Average pressure 65 lbs. Temp of bunkers 110°. Revolutions 46.

(Signed) Wainwright Kellogg Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

				WINDS	S.		BAROME	ETER.	TE	EMPERAT	URE.	State	Forms of	,	61	tat	
Hour.	K n o t	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by	Clouds, by symbols.	y 👸	10th	e of he ea	Record of the sail the vessel is under at end of watch.
A,M																	
1	6	4	E	E	3-5		29.90	76	77	76	76	orqn	Cum Nimb	0	P	)	
2	5	0	u	E by S	5-7		29.89	"	"	u	"	orqn	"	"	"		
3	5	4	66	u	"		29.88	"	"	u	78	44	u	"	"		
4	5	4	ш	и	4-6		29.90	u	и	и	u	и	и	**	"		
5	6	6	ш	u	5		29.91	"	76	73	82	org	u	"	"		
6	7	0	ш	и	5-7		29.93	u	и	74	u	ш	u	**	"		
7	5	4	44	и	"		29.95	"	"	76	"	44	и	"	и		
8	5	6	ш	и	4		29.93	и	и	и	и	bc	и	2	"		
9	6	0	44	u	5-7		и	77	79	77	u	ш	и	3	"		
10	6	0	es	ш	и		29.95	76	80	78	81	ш	" Cir Cun	2	"		
11	6	4	66	ESE	u		29.96	и	78	76	80	**	Nimb	1	"		F.T.M.S.S. F.T. Sail
Noon	6	4	44	и	4-6		и	77	79	77	79	44	и	3	и		M.T.Sail & spanker.
D:-4		a la col			_							50 l t-		4 6-41	_		
		-		receding Noo	n						1	50 knots 25 °		4 fathom		"NI	
			at Noon R. at Noon									25 87 °	14 42			"N "W	
_			ervations at	Noon @								25 °	40			"N	
				rom Forenoo	n Ohserv	ations	s •					87 °	42			"W	
			ne time	knot			fms. per l	nour. se	ttina to t	the	N	0.				•	
		-		/ Amplitude @				,				0		"		"	
				/ Azimuth ⊙ d								6 °		44		"E	
				preceding 24										244	gallon	S.	
Water					during	the p	receding	24 hour	s							44	
Water	rema	ining	on hand fit	for me at No	on									108	33	44	
Coal	onsu	med	during the p	receding 24 I	nours							13	tons	1395	lbs		
Coal r	emair	ning o	on hand at N	Noon								71	и	1555	u		
ВΜ																	
P,M													Cir Cum				
1	7	0	E by S	ESE	5		29.94	78	80	77	78	bc	Nimb	4	R		
2	7	2	u	E by S	4		и	"	81	"	79	44	ш	7	u		
3	8	0	ш	Е	4-6		29.95	79	80	78	80	"	и	2	"		
4	7	4		E by N	"		ш	78	"	79	"	bcq "	u	1	"		
5	7	4			5-6		29.93	77 "	79 "	77 "	"		"	2			
6	6	4		ESE	5-7							bcqf "	u	1			
,	5	6	u	E by N	6-8		29.95	70	77	"	"		ш	0	"		
8 9	5 4	6 0	ш	u	5-7		29.97 29.99	79 78	77 "	76	"	oqr bcq	ш	0 1	"		
10	5	0	ш	u	J-1		29.99 "	"	44	"	"	bcql	ш	6	"		Steaming six boilers
11	5	0	и	"	u		29.97	u	"	u	"	bcq	ш	"	"		occarring six bolicis
Mid.	5	0	ш	u	"		"	77	"	"	"	"	ш	7	u		
	-	-						• •						•			
Longit	ude b	y Ch	ronometer f	rom Afternoo	n Observ	ation	s •					0		•		и	
_				Observations					*	k		0		•		"	
Variati	on of	the 0	Compass by	/ Amplitude			ob	served	at Suns	et		0		•		"	
Variati	on of	the (	Compass by	/				at				0				"	

Commences and until 4 A.M. Overcast. Rainy. Squally. Strong wind from E first hour, hauling to E. by S. Lightning first two hours. Steam in six boilers. Average pressure 55 lbs. Temp of bunkers 98°. Revolutions 45.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Strong squalls with heavy showers of rain. Wind from E. by S. Steaming with six boilers. Steam pressure 59 lbs. Revolutions 45. Barometer steady.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Cloudy. Pleasant. Strong E. S. E. wind. Cum. Nimb. clouds passing to S. At 9 sent down topgallant masts. At 9.30 set fore topmast staysails and spanker. At 9.45 set fore and main try sails. Steaming under six boilers. Average pressure 65 lbs. Revolutions 47. Temp of bunkers 100°. Passed sail, and exchanged colors with an American side wheel steamer bound to N. and W.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant first part, squally last hour. Fresh E[aster]ly Breeze. At 12.05 changed course to E. by S. Took in fore and aft sail. Steaming with six boilers. Steam pressure 55 lbs. Temp oh boilers 104°. Revolutions 49.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 6 P.M. Cloudy and pleasant. Strong breeze in squalls from E. by N. first hour, last hour from E. S. E. Passing showers. Steam in six boilers. Average pressure 58 lbs. Temp oh bunkers 104°. Revolutions 49. Barometer rising.

(Signed) Sam. C. Lemly Ensign.

From 6 to 8 P.M. Cloudy and squally. Strong wind from E. Rough sea. Ship pitching moderately but dry. Strong squalls with light showers of rain. Steam pressure 59 lbs. Revolutions 49. Barometer rising.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Cloudy and rainy first, and clear last part of watch. Cir. Cum. Nimb. clouds passing to W. Moderate gale from E. with heavy squalls. Steaming under six boilers. Average pressure 63 lbs. Revolutions 44. Temp of bunkers 102°.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

				WINDS	S.		BAROMI	ETER.	Т	EMPERAT	URE.						
Hour.	K n o t	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface		State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1	5	2	E by S	E	5		29.96	78	79	78	78		bc	Cun Nimb	7	R	
2	6	0	u	ш	3		29.95	ш	78	76	и		44	и	8	"	
3	6	2	и	E by S	ш		u	79	79	77	"		"	ш	9	"	
4	6	0	ш	ESE	44		29.94	80	80	78	и		44	u	6	"	
5	4	4	ш	E by N	3-4		29.93	и	77	ш	80		bcp	Nimb Str Cir Cum	2	H.C	
6	4	4	ш	E by S	и		29.98	u	ш	ш	"		bc	и	4	ш	
7	3	0	ш	ш	5		29.97	82	79	80	81		44	"	7	"	
8	2	4	и	ш	5-6		29.99	ш	ш	и	44		ш	Cir Cum Cir	8	ш	
9	2	4	66	E by N	5		ш	ш	"	44	ш		ш	Cum Nimb	12	"	
10	2	4	ш	ш	3-4		30.00	u	и	ш	"		"	и	4	Н	
11	3	6	ш	E	44		u	84	ш	81	"		ш	Cir Cum	5	ш	
Noon	4	0	и	ш	"		и	ш	80	и	44		ш	ш	4	ш	
Distan	ce ru	n by L	og since pred	eding Noon							1	125 k	nots	0	fathoms	S.	
Latitud	le by	D. R. a	at Noon									24	0	58	' 0	0 "N	
Longit	ude b	y D. R	. at Noon									85	0	32	' 0	) "W	
Latitud	le by	Obser	vations at No	on ⊙								24	0	49	' 0	0 "N	
Longit	ude b	y Chro	onometer fror	n Forenoon Ol	bservation	ıs ⊙						85	0	36	' 0	0 "W	
Currer		-		kno			fms. per l	nour, se	tting to	the S	5 21° \	Ν.	0				
				mplitude ⊙ ob		Sunr	ise						0			u	
				zimuth ⊙ obse ceding 24 hou											- 244 a	allons.	
Water	СХРС	naca (	dring the pre	ocumy 24 not		the p	receding	24 hour	s						244 g	"	
Water	rema	ining o	on hand fit for	me at Noon											83	9 "	
Coal	onsu	med d	uring the pred	ceding 24 hour	rs								14	tons	495	lbs.	
Coal r	emair	ning or	n hand at Noo	on									57	u	1660	u	
P,M.																	
1	1	2	e by s	Е	3-6		30.02	80	83	80	82	b	ıc	Cir Cum	5	R	
2	2		. E	и	4-6		29.99	81	"	81	"	и		и	"	"	Steaming 6 boilers.
3	3	6	ш	и	44		30.00	80	82	80	"	и		Cir Cum	"	"	u
4	3	6	ш	"	44		30.01	"	"	"	"	"		Nimb "	"	"	и
5	4	0	ш	ш	5		30.00	ш	u	ш	"	"		Cum	6	"	и
6	5	0	"	"	"		30.00	"	u	"	"	"		Nimb "	4	"	и
7	5	0	ш	и	5-6		30.01	"	81	78	"	и		и	9	"	ш
8	5		ш	"	ш		"	u	u	"	"	и		и	"	ш	и
9	5		u	ш	44		30.03	"	u	ш	81	b	cq	и	5	"	ш
10	4	6	и	ш	5-7		30.07	ш	u	и	80	"		и	0	"	и
11	5	0	ш	"	44		30.05	79	80	"	"	"		u	7	"	ш
Mid.	4	0	ш	ш	3-7		ш	ш	ш	"	и	и		ш	ш	ш	и
Longit	ude b	y Chro	onometer fror	n Afternoon O	bservation	ns o							0			ш	
Longit	ude b	y Chro	onometer Obs	servations					:	*			0		4	ш	
Variati	on of	the C	ompass by A	mplitude			ob	served	at Suns	et			0		4	u	
Variati	on of	the C	ompass by					at					0		4	и	

Commences and until 4 A.M. Squally first part, afterwards clear and pleasant. Moderate breeze from E. Steaming with six boilers. Average pressure 47 lbs. Temp of bunkers 110°. Revolutions 43. Barometer falling slowly.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear and pleasant. Moderate breeze from E. by S. Steaming with six boilers. Heavy cross sea, ship pitching heavily. Average pressure 57 lbs. Temp of bunkers 110°. Revolutions 38. Rigged in flying jiboom.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Cloudy, warm and pleasant. Fresh breeze from E. Occasional strong squalls. Heavy sea. Steaming slowly until 10.30 when engines were started ahead at 45 revolutions. Ship pitching considerably. Maximum pitch 15°. Scud passing overhead to W. One sail in sight at end of watch, standing to N. and E. Barometer steady.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Strong E[aster]ly wind, with squalls. Cir. Cum. Nimb. clouds passing to W. At 12.20 changed course to E. Banked fire in two boilers. Slowed down. At 3.10 spread buyers in two boilers. Barometer rising. Steaming under six boilers. Average pressure 45 lbs. Temp of bunkers 124°. Revolutions 42.

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Clear and pleasant. Fresh breeze, with squalls from E. Steaming with six boilers.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M. Clear and pleasant. Strong breeze from E. Squally. Steaming with six boilers. Average pressure 58 lbs. Temp of bunkers 124°. Revolutions 45. Barometer rising.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Cloudy and squally. Strong breeze from E. Rough sea Ship pitching moderately. Barometer study. Steam 64 lbs. Revolutions 45.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

				WIND	os.		BAROMI	ETER.	ТІ	EMPERAT	URE.	State	Forms of	<u>.</u> .	State	
Hour.	K n ot s.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1	4	4	E	E by N	4-6		30.05	78	80	78	78	bcq	Cir Cum Nimb	7	R	
2	4	0	ш	"	5-8		30.04	"	78	76	u	bcpq	"	3	u	
3	4	4	ш	u	4-6		30.02	"	"	"	"	"	"	6	"	
4	4	6	ш	u	4-7		"	u	"	"	u	44	44	1	"	Steaming 6 boilers.
5	6	0	ш	u	4-6		"	ш	"	77	77	u	64	3	"	
6	5	0	ш	"	ш		30.03	и	77	76	ш	bcq	и	5	ш	
7	6	2	ш	u	и		30.05	u		"	"		и	3	u	
8	7	0		"					78	77		bcqr	"	2	"	
9 10	5 6	4 2	E 1/4 N "	ENE	5-7 "		30.06	77 "	78 "	76 "	u	bcq "	44	7	"	
11	5	4	E 1/4	E by N	7-8		"	"	"	77	u	и	44	2	"	
Noon	5	4	ENE	"	5-6		"	u	"	"	79	ш	"		u	
Distan	ce run	by L	og since pre	ceding Noo	n						11	15 knots	4	fathoms		
Latitud	le by [	). R.	at Noon									24 °	00	, 00		
			R. at Noon									83 °	30	, 00		
			rvations at N				_					24 °	21	, 50		
-			onometer fro							4ba [	≣ 14° S	82 °	51	, 00	) "W	
Currer		-	e time 1 ompass by A				ms. per l Sunrise	iour, se	ung to i	uie i	14 3	0		u	"	
			ompass by A				Cumic					0		u	"	
			during the pr											244 ga	allons.	
Water					during	the pr	eceding	24 hour	s						"	
Water	remai	ning	on hand fit fo	or me at No	on									595	5 "	
Coal c	onsun	ned c	luring the pre	eceding 24 I	hours							15	tons	1885	lbs.	
Coal re	emaini	ing o	n hand at No	on								41	ш	1315	u	
P,M																
1	1 2	0 4	ENE E 1/2 N	E by N	4-6		30.05	78	80	78	78	bcq	Cum Nimb	1	R	
2	5	0	"	u	u		30.03	79	77	77	u	ocq	"	0	44	
3	5	4	"	"	ш		30.01	u	78	76	u	"	"	и	44	
4	2	4 0	" East	u	u		30.00	78	"	u	u	bcq	44	2	44	
5	5	4	"	"	"		30.03	76	"	"	"	bpq	"	u	М	
6	6	4	u	u	5-7		30.04	u	"	"	u	u	"	u	"	Steaming six boilers.
7	7	4	и	и	4-6		30.06	u	79	"	u	ш	66	u	u	
8	8	0	E 1/2 S	u	ш		30.07	и	78	u	u	bcq	"	3	44	
9	6	4	East	u	5-7		30.06	"	"	"	"	u	и	4	u	
10	7	0	E 1/2 N	"	"		30.00	ш	ш	ш	ш	bqp	ш	2	ш	Steaming six boilers.
11	5	4	"	"	"		30.06	"	"	u v	"	bcqp "	u	6	u	
Mid.	7	0	и		-		30.04	-	-	-	-	-	-	-	-	
Longit	ude by	/ Chr	onometer fro	m Afternoo	n Observa	ations	•					0			"	
_			onometer Ob						*	k		0			"	
Variati	on of t	the C	ompass by A	Amplitude			ob	served	at Suns	et		0			u	
Variati	on of t	the C	ompass by					at				0			u	

Commences and until 4 A.M. Cloudy. Cool. Strong E[aster]ly wind, with heavy rain squalls. Cir. Cum. Nimb. clouds passing to W. Barometer falling. Steaming under six boilers. Average pressure 35 lbs. Temp of bunkers 124°. Revolutions 45.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy, cool. Fresh breeze, with frequent rain squalls from E. by N. Steaming with six boilers. At 8 changed course to E. 1/4 N. Two sail and a steamer in sight. Average pressure 59 lbs. Temp of bunkers 122°. Revolutions 44.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Cloudy and cool. Strong wind from E. by N. blowing in squalls. Steaming with six boilers. Course changed to E. N. E. At 11.25. A steamer in sight. Average pressure 65 lbs. Temp of bunkers 120°. Revolutions 47.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy and cool. Fresh breeze from E. blowing occasional strong squalls accompanied by rain. At 12.30 changed course to E, and at 12.45 to E. 1/2 N. At 12.30 hove deep sea lead, the line fouled the screw and was cut at 40 fathoms losing and 80 lb lead. Got another cast in 30 fathoms of water, bottom shells and sand. At 2 passed a steamer standing to the W. At 3.30 sighted the same steamer standing to the E. At 3.200 or of course on account of discolored water. At 3.40 changed course to E. Rough sea. Pitching moderately. At end of watch one sail and a steamer in sight.

(Signed) James K. Cogswell

Lieut.

From 4 to 6 P.M. Cloudy. Fresh E. by N. Wind, with heavy rain squalls. Cir. Cum. Nimb. clouds passing to the N. and W. Steaming under six boilers. Average pressure 50 lbs. Revolutions 47. Temp of bunkers 108°. At 6 stopped engine long enough to get cast of lead in 15 fathoms water, fine sand, black specks.

(Signed) Richard G. Davenport Lieut.

From 6 to 8 P.M. Cloudy. Fresh breeze with frequent rain squalls from E. Steaming with six boilers. Took cast of deep sea lead every hour. Changed course to E. 1/2 S. at 7. Average pressure 58 lbs. Temp of bunkers 120°. Revolutions 46.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and pleasant. Fresh breeze from E. by N, strong in squalls. At 11 sighted Sand Key Light, bearing (pc) E. by N. Took soundings every hour, depth varying from 35 to 47 fathoms, bottom white sand and soft shell. Steaming six boilers. Average pressure 63 lbs. Temp of bunkers 120°. Revolutions 46. At end of watch, Sand Key Light bore (pc) E. N. E.

(Signed) Sam area C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Key West, Florida

Her Course				WIND	s.		BAROME	ETER.	Т	EMPERAT	URE.	State	Forms of		State		
Hou r.	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.	
A, M.																	
1	4 2	0	e 1/4 n	E by N	4-6		30.02	77	79	77	78	orq	Cum	0			
2	2	0	e by n	"	ш		ш	"	"	"	u	"	Nimb "	u			
3	Stan	ding i	in to	"	4		30.03	"	"	"	"	bcq	ш	2			
4	Key '	West		u	3-4		ш	u	"	"	u	"	u	3			
5	Flori	da		NE	ш		30.01	ш	77	76	u	oq	"	0			
6	At Ar	nchor		u	"		30.04	76	"	"	"	bcq	"	1			
7					3-5		"	"	"	u	u	и	и	u			
8				ENE "	3-4		30.05	u	78 "	"	"		"				
9 10				"	4		ш	ш	ш	"	и	0	"	0			
11				и	и		30.06	ш	ш	"	u	"	ш	u			
No on				NE	и		"	"	"	79	77	bc	и	1			
OII																	
Dista	nce rur	n by L	og since p	receding No	on						ŀ	knots	fat	thoms.		ш	
			at Noon									0	,		"		
			R. at Noon									0					
			rvations at														
Longitude by Chronometer from Forenoon Observations ⊙  Current during the from pay hour, soffice to the												44					
time Thous Time, Setting to the																	
							Sunrise					0	и		"		
				Azimuth ⊙		d at						U	u				
		nded	during the	preceding 2		4ha =		04 have						244 ga	allons.		
Wate		inina	on hand fit	for me at N	_	ine p	receding	24 Noui	S					351			
		-		receding 24								7	tons	1258	lbs.		
			n hand at N		110010							33		2200	"		
P,M																	
1				NE	4		30.06	76	79	76		0	Cum Nimb	0			
2				"	ш		30.02	ш	78	"		"	u	"			
3				ш	ш		30.01	ш	ш	"		"	ш	u			
4				"	ш		ш	и	44	ш		и	ш	и			
5				ENE	3-5		30.00	"	"	"		oqr "	"	u			
6 7				NE by E ENE			30.00	"	76				u				
8				ENE	"		30.02	"	76 77	74 "		bcqp	ш	2			
9				ш	и		30.03	"	77 76	"		opq	ш	<u>د</u> «			
10				"	"		30.03	"	75	u		"	ш	0			
11				NE	ш		и	и	"	u		bcrq	ш	5			
Mid.				и	3		30.00	u	44	u		bcpq	ш	4			
					_							0					
-				rom Afterno		rvatio	ns ⊙					0			"		
Longitude by Chronometer Observations *  Variation of the Compass by Amplitude observed at Sunset												0					
			compass by compass by				ob	served	at Suns			J	•	0	=	i ii	
valia	aon Of	are C	wiiipass by	'						at							

Commences and until 4 A.M. Thick squally weather. Moderate breeze from E. blowing frequent squalls with rain. Standing towards Sand Key Light. At 2.15 made Key West Light bearing N. E. 1/2 E. Bent both bower chains. At 3.30 anchored in 5 fathoms water. Sand Key Light bearing S. by E. 1/2 E. Key West Light N. E. by E. Gave Richard Jones (W.C.) four hours extra watch for neglect of duty. Banked fires.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy. Cool. Fresh N. E. wind with squalls. Cum. Nimb. clouds passing to W. At 5.30 pilot came aboard. At 7.40 sent up top gallant masts and rigged out flying jib boom.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast, cool. Fresh breeze from N. and E. At 9.15.underway and stood in towards Government Wharf. At 10.30 came to anchor with 30 fathoms starboard chain. Draught of ship. Forward 13 feet 4 in. Amidships 14 feet 5 in. Aft 15 feet 6 in.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Overcast, cool. Fresh N. E[aster]ly breeze. At 3.15 Revenue Cutter "Crawford" got underway and made fast to wharf. Fires banked in four boilers. Average pressure 50 lbs. Temp of bunkers 120°. George W. Griswold left the ship.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast, squally, with passing showers. Fires banked in four boilers. Average pressure 30 lbs. Temp of bunkers 120°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Overcast first part, latter part clear and cool. Moderate breeze from E. N. E. Veered to 30 fathoms at water's edge on starboard chain. Banked fires in four boilers. Average pressure of 50 lbs.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Key West, Florida

					WINDS	S.		BAROM	ETER.	т	EMPERAT	URE.	State	Forms of		State	
Hour.	Kno ts.	Fathoms.		Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1					NNE	4-6		29.98	75	75	74		oqp	Cum	0		
2					и	u		29.96	"	"	"		"	Nimb "	"		
3					u	и		29.95	u	"	u		u	u	u		
4					u	u		29.94	"	"	73		"	u	"		
5					и	3-5		"	u	"	u		bcqp	u	1		
6					ш	5-6		29.95	"	"	74		bcq	u	2		
7					и	и		u	u	76	u		oqp	u	0		
8					N by E	и		ш	74	44	"		u	u	u		
9					и	4		u	u	75	u		u	и	u		
10					N	u		29.94	"	76	"		oq	u	"		
11					N by E	и		29.92	75	77	75		u	u	u		
Noon					N	es		29.91	u	"	76		bcq	и	1		
Dista	ance rui	n by L	og s	ince p	oreceding No	oon							knots	fa	athoms.		
Latit	ude by	D. R. a	at No	oon									0		•	"	
Long	gitude b	y D. R	t. at	Noon									0		•	"	
					Noon ⊙								0		•	"	
				neter	from Foreno	on Obser	vatio	ns ⊙					0		•	и	
time	ent duri	ng the	;		knot	ts		fms. per	hour, se	etting to	the						
					y Amplitude			Sunrise					0		"	"	
Varia	ation of	the C	omp	ass b	y Azimuth ⊙	observed	at						0		44	"	
		nded (	durin	g the	preceding 2										244 g	allons.	
Wate						_	the p	receding	24 hou	rs						44	
					t for me at N										107		
					preceding 24	1 hours							2	tons "	1075	lbs.	
Coa	l remain	iing or	ı naı	no at	Noon								31		1125		
5.4																	
P,M					.,			00.04						Cum			
1					N	4		29.91	77	79	77		bcq	Nimb	1		
2					u			29.89	u	ш			"		3		
3						3-4		29.88			76 "				5		
4 5					NNW "	4		29.87 29.85	"	78 "	"		u	ш	7 8		
6					"	3-4		29.86	"	ш	"		he	ш	6		
7					u	J- <del>4</del>		29.87	и	44	"		"	и	2		
8					u	ш		29.88	76	77	75		"	и	8		
9					u	2-3		"	"	"	"		bcp	ш	1		
10					u			ш	"	78	76		"	44	0		
11					ш	2		ш	u	"	"		"	"	5		
Mid.					u	66		66	"	ш	44		ш	ш	4		
Long	nitudo h	v Chr	2000	neter	from Afterna	on Ohaa-	vatio	ns (0)					0		4	ш	
					from Afterno Observation		valiU	13 0			*		0			u	
					y Amplitude			٥h	served	at Suns			0			"	
	ation of							3.	at	50.10	-		0			"	

Commences and until 4 A.M. Overcast and cool. Fresh breeze from N. N. E. with frequent rain squalls. Swung to ebb tide at 1.20. Fires banked in four boilers. Average steam pressure 30 lbs. Temp of bunkers 127°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Overcast and squally. Fresh breeze from N. N. E. Occasional squalls, with light showers of rain. Steamer "Margaret" arrived from Havana. Broke out hold and prepared for coaling. Slack water at 8.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Overcast and squally. Fresh breeze from N. and E. At 1.45 let go port anchor under foot. Engaged in setting up fore and aft stays and overhauling standing rigging. Riding to flood tide. Fires banked in four boilers. Average steam pressure 62 lbs. Temp of bunkers 106°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from N. hauling to W. At 2.20 hove up anchor and steamed in alongside Government Wharf, letting go port anchor and veering 50 fathoms of port chain. Banked fires. Engaged in overhauling rigging aloft and stowing hold.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Fresh breeze from N. N. W. Received in Paymaster Department 4 barrels of beef, 10 of pork, 4 of butter, 4 of molasses, 3 of vinegar, and 30 boxes of preserved meat. Send a liberty party of 27 men ashore until 6 A.M. tomorrow. Fires banked in four boilers. Average steam pressure 25 lbs.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Warm and pleasant. Light breeze from N. N. W. Barometer steady. Passing showers first part watch.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Key West, Florida

				WINDS	S.	BAROM	IETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				S by E	2	29.88	76	78	76		om	Cum	0		
2				"		u	"	"	"		orl	Nimb "	u		
3				и	"	и	"	"	u		bcpl	u	8		
4				u	u	и	75	75	u		bcl	"	9		
5				S	1	29.90	"	77	75		bc	ш	8		
6				ш	2	29.93	76	78	76		"	Cir	"		
7				и	"	29.95	77	79	77		ш	Cum "	"		
8				ш	44	29.97	"	"	"		"	ш	"		
9				u	u	"	u	80	u		"	"	9		
10				u	44	u	79	82	79		"	u	"		
11				u	44	u	u	"	"		"	u	"		
Noon				ee	1-2	и	80	85	82		44	и	и		
Distan	ce run b	y Log	since	preceding No	oon					k	nots	fa	thoms.		
Latitud	de by D.	R. at	Noon								0	,		"	
Longit	ude by D	). R. a	at Noor	า							0	•		"	
				it Noon ⊙							0	,		"	
_	ude by C nt during		ometer	from Foreno	on Obser	vations ⊙					0	•		и	
time	it during	uie		knot	ts	fms. per	hour, se	etting to	the						
Variati	on of the	Con	npass t	by Amplitude	⊙ observ	ed at Sunrise					0	u		"	
Variati	on of the	Con	npass t	oy Azimuth ⊙	observed	l at					0	44		"	
			ring the	e preceding 2									244 g		
Water					-	the preceding	24 hou	rs					225		
				it for me at N									211:		
				preceding 24	hours						2	tons "	355	lbs.	
Coal re	emaining	on n	and at	Noon							29	_	770	-	
D.M															
P,M				C hu E	2	20.07	00	0.5	00		ha	Cir Cum	0		
1 2				S by E	2	29.97	80 82	85 87	82 84		bc "	"	9		
3				"	"	и	"	88	86		u	ш	8		
4				и	66	и	u	87	84		"	ш	"		
5				"	1-2	и	"	86	83		u	"	"		
6				"	44	u	80	"	"		"	ш	"		
7				Е	44	и	"	"	u		u	"	"		
8				"	"	30.00	u	83	80		"	"	"		
9				и	66	и	79	82	u		u	ш	"		
10				u	**	30.02	u	"	"		"	"	"		
11				u	66	30.03	u	"	u		ш	ш	3		
Mid.				и	ш	30.02	78	81	79		"	и	1		
Longit	ude by C	hron	ometer	from Afterno	on Obser	vations ⊙					0	,		u	
Longit	ude by C	hron	ometer	Observation	s			:	*		0	,		ű	
Variati	on of the	Con	npass t	by Amplitude		ol	served	at Suns	set		0	,		"	
Variati	on of the	Con	npass b	ру			at				0	,		"	

Commences and until 4 A.M. Overcast first part, clear and cool last part watch. Light airs from S. and E. Fires banked in four boilers. Average steam pressure 30 lbs. Lightning in horizon.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Warm. Light S. breeze. Cir. Cum. clouds. Received in Paymaster Department from U. S. Store House the following provisions and small stores, Viz. 6000 lbs bread, 5 bbls flour, 6 lbs beans, 10 kegs pickles, 31 boxes coffee, 25 boxes soap, 6 boxes tobacco. Received 2250 gals fresh water. At 6.45 loosed sail. Banked fires in four boilers. Average steam pressure 30 lbs.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather clear and warm, light breeze from S. Finished receiving, and stowed stores belonging to Paymasters Department, consisting of provisions, clothing and small stores at 11 furled sail. Engaged in overhauling rigging aloft. Mail Steamer's State of Texas and Margaret left at 10.30.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light S. by E. breeze. At 1.20 Commenced coaling ship. Received from Naval storehouse in Equipment Department the following articles 39 950/2240 tons coal, 4 lbs cotton twine, 2 bbls line. Fires banked in four boilers. Average steam pressure 30 lbs. Received in Engineers Department from U. S. Naval Storehouse the following stores, Viz. 12 squirt cans, 100 lbs White Lead, 200 lbs waste, 2 bbl Fire clay, 20 quires Emery cloth, 15 galls Boiled Linseed oil, 15 galls Turpentine, 50 lbs Green Paint, 6 Door Mats.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant. Light breeze from S. and E, hauled to E. Engaged in coaling. Send a liberty party ashore to return at 6 A.M. tomorrow.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Moonlight. Light E[aster]ly airs. Cir. Cum. Nimb. clouds. Lightning to N. and E. and S. and E. Drizzling rain last hour. Banked fires in four boilers. Average steam pressure 25 lbs.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Key West, Florida

				WIND	S.		BAROME	ETER.	TE	EMPERAT	URE.	State	Forms of	٠.	State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				E	0-1		30.00	80	80	70		bcl	Cum	5		
					u-1				"	"		"	Nimb "	"		
2				"	1		29.98 29.99	79 78	79	77		bcp	и	1		
4				и	"		30.00	"	"	"		bcp	44	7		
5				"	и		"	u	"	78		"	и	8		
6				ш	ш		30.01	"	80	"		ш	Çir	6		
7				ш	0-1		30.02	79	81	80		и	Cum "	4		
8				NE	1		30.03	80	82	"		ш	Cum	3		
				"	"		"			"		ш	Nimb Cir	"		
9								82	83				Nimb			
10				и	и		и	84	u	ш		и	"	1		
11				ENE "	2		30.02	86 "	84	81		u	и	4		
Noon														5		
Distan	ice run b	v Log	since p	oreceding No	oon						k	nots	fa	thoms.		
	de by D. I											0			"	
Longit	ude by D	). R. a	at Noon									0	,		"	
Latitud	de by Ob	serva	ations a	t Noon ⊙								0			"	
_			ometer	from Forence	on Obser	vatio	ns ⊙					0	,		"	
Currer time	nt during	the		kno	ts		fms. per h	nour, se	tting to t	he						
	ion of the	Con	npass b	y Amplitude	⊙ observ	ed at	Sunrise					0	6		"	
Variat	ion of the	Con	npass b	y Azimuth ©	observe	d at						0			"	
Water	expende	ed du	ring the	preceding 2	4 hours									244 ga	allons.	
Water					during	the p	receding	24 hour	S						"	
Water	remainir	ng on	hand fi	t for me at N	oon									1869	"	
				preceding 24	4 hours							2	tons	155	lbs.	
Coal r	emaining	on h	nand at	Noon								143	u	615	u	
P,M																
1				ESE	2		30.00	86	86	83		bc	Cir Cum	4		
2				"	и		и	u	и	u		"	и	5		
3				ш	1-2		29.98	85	85	82		u	и	3		
4				"	2		29.97	84	"	"		u	u	4		
5				"	1		29.98	81	83	"		"	и	6		
6				44	и		ш	u	82	81		u	ш	u		
7				"	"		29.98	"	"	"		"	ш	7		
8				ш	ш		29.99	80	и	80		ш	" Oi O	"		
9				E	и		29.98	"	44	"		bcl	Cir Cum Nimb	3		
10				E by S	2		30.01	79	и	u		bc	ш	2		
11				u	1		30.02	ш	81	79		u	Cir Cum	7		
Mid.				"	ш		30.00	"	ш	"		"	и	6		
l car'	udo bu O	hrar	omete-	from After	on Oha-	n (otic	no (0					0	4		u	
-	•			from Afterno Observation		vallO	115 <b>©</b>		*			0	·		"	
-	•			y Amplitude			oh	served	ء at Suns			0			"	
	ion of the						00	at	at Ourio			0			u	
vanat	on or ale	, 0011	ipass D	7				aı								

Commences and until 4 A.M. Clear first part of watch, cloudy latter part. Light airs from E. Passing showers. Lightning to the N. and E.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Light E[aster]ly airs. Engaged in coaling ship. Barometer rising.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear. Warm. Light N. E[aster]ly airs. Cir. Cum. Nimb. clouds. Received 10 tons coal. Finished coaling. Received in Navigators Department 47 3/4 galls lard oil. By order of Bureau of Equipment and Recruiting, Thomas D. Talmage (1.C.B.) was this day discharged from the Naval Service and the ship, at his own request. Received for enlistment George O. Holden (Lds), enlisted for special duty for the cruise of the "Essex", unless sooner discharged. Banked fires in four boilers. Average steam pressure 35 lbs.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Warm light breeze from E. S. E. Engaged in cleaning ship inside and outside.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Pleasant. Light E. S. E. breeze. Cir. Cum. clouds. Vent Main topgallant sail and unbent royals. Banked fires in four boilers. Average steam pressure 35 lbs.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Cloudy, pleasant. Light airs from E. Fires banked in four boilers. Average steam pressure 25 lbs.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

										At Sea TEMPERATURE.						
Hour.	knots	Fathoms.	Courses steered.	WIND	Force.	Leeway.	BAROMI Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weath er by symbol	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	7	T.										S.		<u> </u>		
1				ESE	1		29.97	79	81	79		ho	Cir	7		
				ESE					0 I "			bc "	Cum "			
2				и	0-1		29.95	и		и			ű	6		
3				и	1-2		u	"	и	"		и	u	8		
4				"	2		29.96	"	"	"		и	es	"		
5				E	1		29.97	77	80	u		u	u	"		
6				44	44		29.00	78	81	"		и	44	5		
7	Und	lerway	, charge pilot	44	2		30.01	79	82	80		"	44	0		
8	2	2	E by S	"	"		"	u	u	u	80	u	"	1	S	Steaming 6 boilers
9	8	6	u	и	ш		ш	81	84	81	ш	и	44	4	и	и
10	3 5	0 2	ne by e 3/4 e	u	ш		30.02	82	85	82	81	ш	ш	"	ш	и
11	4 3	0	" ENE	E by N	"		30.03	"	"	u	"	u	u	1	u	u
Noon	8	4 6	eine "	u	ш		30.01	ш	ш	"	ш	u	u	u	u	и
Distan		hl		N								lt-		-41		
		•	g since precedi	ng Noon								knots	Ta	athoms.		
			t Noon									0				
			at Noon	_								0				
	•		ations at Noon			_						0				
-			nometer from Fo			s⊙						0		•		
	nt durii	-		knot			fms. per l	nour, se	etting to	the		0			и	
			mpass by Ampli			Sunri	se					0			"	
			mpass by Azimi													
Water Water		ided di	uring the preced	ling 24 hour		the p	preceding	24 hou	rs					244 (	gallons.	
Water	remai	ning or	n hand fit for me	at Noon			_							162	25 "	
Coal	consun	ned du	ring the precedi	ng 24 hours	6							14	tons	105	lbs.	
			hand at Noon	•								129	ш	510	ш	
		•														
Ρ,																
M. 1	8	4	ENE	E by N	2		30.01	82	85	02	81	ho	Cir Cum	1	S	
	4		ne by e 1/2 e	E by N	2					83		bc "	Cir Cum	"		
2	4	2	ne by e 1/4 e				29.99	81	84	82			-			Steaming 6 boilers
3	8	6	ne 1/2 n	Е	3		29.97	"	83	81	u	ш	и	5	u	all fore and aft sail
4	9		ne 1/4 n "	ш	4		"	79	82	80	u	ш	и	4	u	except T. sail and F. jib.
5	1 6 1	0 1	ne 1/2 e ne by n	u	2		29.96	"	81	79	80	u	Cir Cum Nimb	2	"	
6	8	0 '	4	и	"		29.95	"	"	"	u	u	ш	1	u	
	1		nne 3/4 e	u	4.0			"	00	"	"		u		"	
7	9		N 1/2 E "		1-2		29.99		80	-				0	"	
8	9	U		-			30.00	-	82	80	81	-	Cir Cum	1		
9	9	U	4	и	u		и	ш	"	ш	80	"	Str	2	"	Jib, F. and M. try sail
10	4 4	6	" n 3/4 e	"	ш		30.01	и	80	78	u	"	"	4	u	и
11	9	0		E by N	u		66	"	"	"	"	u	Cir Cum	6	"	и
Mi	9	0 '	ш	"	ш		30.00	ш	"	ш		ш	ш	5	u	
d.		Ü					00.00							J		
_			nometer from At		servation	s o						0		•	и	
Longitude by Chronometer Observations *												0			и	
Variat	ion of t	he Co	mpass by Ampli	itude			ob	served	at Suns	et		0			"	
Variat	ion of t	he Co	mpass by					at				0		4		

Commences and until 4 A.M. Clear. Pleasant. Light E. S. E[aster]ly airs. Cir. Cum. clouds. Moon set at 12.45. At 12.20 started fires in two boilers. Banked fires in six boilers. Average pressure 42 lbs.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy but pleasant, light E[aster]ly breeze. At 5 hoisted pilot flag, pilot came on board. At 5.40 cast off from dock and hove in to 15 fathoms on port chain. At 6.40 got underway and stood out to sea in charge of pilot. At 7.30 pilot left the ship. At 7.45 to departure, Sand Key L. H. W. 3/4 S. distant 4 1/2 miles. Ships draught forward 14 feet, Amidships 15 feet, Aft 16 feet. Male Steamer "City of Houston" stood in and made fast to dock. Fires in six boilers. Steamed 60 lbs. Revolutions 51. C. B. Foster (Lds) and John Turney (Lds) were left on shore, being absent after the expiration of their leave.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Cloudy, cool and pleasant. Light breeze from E. Unbent both bower chains and secured anchors for sea At 9.25 changed course to N. E. by E. 3/4 E. At 10.35 altered course to E. N. E. At 9.40 sighted Sombrero Light bearing N. E. Several sail in sight at end end [sic] of watch. Sombrero Light bore N. W. 3/4 W. At 12, distant 8 miles.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Light E[aster]I breeze. Cir. Cum. clouds. At 12.20 lost sight of Sombrero Light bearing (pc) W. 1/8 N. At 1 changed course to N. E. by E. 1/2 E. At 1.17 made Alligator Reef Light bearing (pc) N. N. E. 1/4 E. At 1.30 changed course to N. E. by E. 1/4 E. At 2 change course to N. E. 1/2 N. At 3 changed course to N. E. 1/4 N. Set fore and aft sail, except G. T. sail And F. jib. Passed steamer bound to S. and exchanged colors with several sail beating to N. and E. Saw wreck high up on reefs, everything gone except head booms. At end of watch Alligator Reef Light bore (pc) W. S. W. Steaming under six boilers. Average pressure 61 lbs. Revolutions 52.2.

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Cloudy, pleasant. Light breeze from E. At 4.15 changed course to N.E. 1/2 N. At 5.30 changed course to N.E. Sighted Carysfort Light bearing N. 1/2 W. Spoke English barque "Jessie" bound for Falmouth. Exchanged colors with a French barque. At 6 changed course to N. 1/2 E. Steaming with six boilers. Average pressure 62 lbs. Revolutions 55.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M. Cloudy and pleasant. Light E[aster]ly airs. At 6.27 took in all fore and aft sail. At 6.55 sighted Cape Florida Light from topsail yard. (pc) N.N.W. Steaming with six boilers. Steam 65. Revolutions 56. (Signed) Sam. C. Lemly Ensign.

20 drawned Complete

From 8 to Midnight. Cloudy and pleasant. Gentle breeze from E. Bright moonlight. At 9.20 dropped Carysfoot Light bearing S. W. by W. Revolutions 55. Steam 69 lbs. At 9 set fore trysail, jib and main trysail. At 9.30 altered course to N. 3/4 E.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

				WINDS			BAROMI	ETER.	TER. T		URE.	State of the	Forms of		State	
Hour.	K n o t	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1	9	2	N 3/4 E	NE	0- 1		29.97	79	82	79	81	bc	Cir Cum Nimb	8	S	Steaming 6 boilers
2	9	0	44	u	1		u	"	81	u	82	bcl	Cum Nimb	**	и	All fore and aft
3	3 6	2 6	" n 1/2 w	NW by W	3		u	"	"	"	"	bc	u	9	ш	Sail except F. jib
4	9	2	"	u	u		29.95	78	u	78	"	u	u	**	ш	G. T. sail and F. try sail
5	9	0	"	NW	"		29.96	"	80	"	81	u	Cum Str	"	ш	и
6	9	0	44	u	"		29.98	"	и	"	ш	и	Cir Cum Str	8	ш	и
7	9	6	"	u	"		"	"	79	77	82	"	"	6	u	u
8	8	0	ш	и	ш		29.99	u	"	ш	81	u	и	6	ш	и
9	9	6	ш	u	"		29.98	"	ш	"	"	0	ш	0	ш	
10	9	2	ee	WNW	и		29.99	u	"	ш	"	u	и	ш	ш	
11	8	6	ш	u	u		29.97	77	и	"	ш	u	u	и	ш	
Noon	8	0	44	и	ш		29.95	u	u	ш	82	bc	и	2	ш	
		-		receding Noor	ו						22	22 knots		fathoms.		
			. at Noon									20	31 ' 50 '	30	"N	
_			R. at Noon ervations at	Noon @								79 ° 29 °	50 ' 11 '	00 44	"W "N	
					Ohserva	tions	. 0					79 °	53 '	00	"W	
Longitude by Chronometer from Forenoon Observations ⊙ 79 ° 53 ' 00 "W  Current during the time 4 knots - fms. per hour, setting to the N.																
Variation of the Compass by Amplitude ⊙ observed at Sunrise  o " " "																
Variat														"E		
Water	expe	nded	during the	preceding 24	hours									244 gal	lons.	
Water					during	he p	receding	24 hour	s						**	
Water	rema	aining	on hand fit	for me at Noo	n									1381	"	
				preceding 24 h	ours								tons		lbs.	
Coal	emair	ning (	on hand at I	Noon									и		u	
P,M																
1	2 6	2 6	n 1/2 w n by w 1/4 w	WNW	2-3		29.95	80	81	78	82	bc	Cir Cum	3	S	Jib. F.T. stay sail
2	8	6	44	u	"		29.94	"	82	79	u	и	ш	4	u	Main try sail and
3	8	6	ш	u	u		29.92	u	83	80	83	и	"		ш	spanker.
4	8	6	ш	u	и		29.91	u	44	ш	82	и	ш		ш	Steaming 6 boilers.
5	8	6	u	u	1-2		29.90	u	"	81	81	u u	"		u	4
6	9	0			-			-	82	80			 Cum		-	
7	9	0	ű	W	"		29.92	"	81	"	80	ű	Nimb Str	7	"	и
8	9	4	44	WSW	2		29.92	"	80	79 "	76 "	u	ш	5	u	и
9	9	4	"	W	3		29.94	u	"	"	ű	ű	u	4	"	и
10	7	4 4	n by w 1/2 w	u	и		29.96	и	79	77	75	ш	u	2	u	и
11	9	0		u	u		29.97	u	76	78	74	ОС	Cum Nimb	0	ш	и
Mid.	8	4	и	u	2		29.95	ш	и	"	и	0	и	ш	ш	и
Longitude by Chronometer from Afternoon Observations ⊙ ° "													"			
Longitude by Chronometer Observations *												0			"	
Variation of the Compass by Amplitude observed at Sunset											0			"		
			Compass by					at				0			u	

Commences and until 4 A.M. Clear. Pleasant. Light N.E. airs first, and light N.W. breeze latter part of watch. Cir. Cum. Nimb. clouds. At 12.15 took in fore and aft sail. At 1.15 sighted Jupiter Fulet Light bearing (pc) N.W. At 2.18 Jupiter Fulet Light bore (pc) W, changed course to N. 1/2 W. Set fore and aft sails, save gaff T. sail and F. jib. At 3 last sight of Jupiter Fulet Light bearing (pc) S.W. 1/2 S. At 3.30 took in Fore try sail. Steaming under six boilers. Average pressure 59 lbs. Revolutions 54. Temp of bunkers 110°.

> (Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant. Light N.W. breeze. Steaming with six boilers. Average pressure 63 lbs. Temp of bunkers 112°. Revolutions 55. Barometer rising. Two sail in sight. Walter C. Blake (Mach) was this day discharged from the ship and from the Naval Service, his time of enlistment having expired March 31st.

(Signed) Wainwright Kellogg

From 8 to Merid. Cloudy and pleasant. Light breeze from N. and W. At 12/15 changed course to Steaming with six boilers. Several sail sighted during watch. Average pressure 55. Revolutions 53. Temp of bunkers 104°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N. and W. At 12.15 changed course to N. by W. 1/4 W. At 3.15 took in all fore and aft sail. One sail in sight at end of watch. Average pressure 69 lbs. Revolutions 53. Temp of bunkers 115°.

> (Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear. Warm. Light W.N.W. airs. Cir. Cum. clouds. Engaged in scraping and painting spars. Steaming under six boilers. Average pressure 65 lbs. Temp of bunkers 120°. Revolutions 52. Got up and bent port chain.

> (Signed) Richard G. Davenport Lieut.

From 6 to 8 P.M. Clear and pleasant. Light W. breeze. Steaming with six boilers. Got up and bent starboard chain. Average pressure 65 lbs. Temp of bunkers 120°. Revolutions 55.

> (Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear first part of watch, overcast latter part. Light breeze from W. At 9.10 changed course to N. by W. 1/2 W. Got casts of lead every hour, despite varying from 17 to 22 fathoms, bottom gray sand and shell. Steaming with six boilers. Average pressure 60 lbs. Revolutions 50. Temp of bunkers 126°. Halo around moon first part of watch.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

											- <b>,</b>					
				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of	<u>.</u> .	State	
Hour.	K n	ø	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	of the Weath	Clouds, by symbols.	of Clea 10ths	of the	Record of the sail the vessel i
	o t s	Fathoms.				Leeway	in inches.	att'd.	Air Dry Bulb.	Wet Bulb.	at surface.	er by symbol s.		Prop. of Clear Sky, in 10ths.	Sea.	under at end of watch.
,M												0.				
			N by W										Cir			
1	9	0	N by W 1/2 W	W	2-3		29.88	77	77	76	74	bc	Cum Nimb	1		Steaming 6 boilers
2	8	6	ш	"	и			u	75	75	73	ш	Cum	2		
3		2	ш	"	и		29.85	u	"	"	"	"	Nimb "	3		
	9 4	0	ш	,,			29.00	и			"	ш		"		
4	6	0	n 1/2 w	-					-							
5		nning		"	и		29.86	76	77	76	"	"	er	4		
6	Po	п коу	/al S.C.	" \\\\\\	и		29.88	и	и	"	ш	"	es	5		
7				W by N	2		44	77	79	78		44	u	6		
8	At	Ancho	or P.R.	"	и		29.89	79	81	u		"	ш	7		
9				NW	**		29.90	81	83	79		44	Cir Cum	u		
10				"	1-2		"	84	86	82		ш	"	6		
11				и			и	83	u	83		и	и	5		
Noon			и	u	**		29.89	"	"	"		"	44	4		
Distan	ce ru	n by l	_og since pr	receding No	on							knots		fathoms		
atitud	le by	D. R.	at Noon									0		•	u	
ongit	ude b	y D. I	R. at Noon									0		'	"	
atituc	le by	Obse	rvations at	Noon ⊙								0		•	"	
ongit	ude b	y Chr	ronometer fi	rom Forenoo	on Observ	/ation	s⊙					0		'	"	
Currer	t dur	ing th	e time	kno	its		fms. per l	nour, se	etting to	the						
				Amplitude (			Sunrise					0		"	"	
				Azimuth ⊙		at						0		и	"	
				preceding 24										244 g		
Nater			ensed		-	the p	receding	24 houi	rs					100	,	
				for me at No										123		
			-	receding 24	hours							6	tons "	353	lbs.	
Joai r	emaii	ning o	n hand at N	loon								106	-	1560		
⊃,M																
1				N	1-2		29.88	84	87	84		bc	Cir Cum	5		
2				ш	и		29.86	и	u	u		и	ш	u		
3				NE	и		29.85	u	и	u		и	ш	"		
4				S	ш		29.84	83	86	83		u	ш	"		
5				"	3		29.83	84	u	"		u	ш	"		
6				"	4-5		ш	82	82	80		u	ш	6		
7				u	4		ш	80	83	"		u	ш	7		
8				u	2-3		ш	u	82	"		"	ш	8		
9				"	и		29.84	u	u	"		u	ш	"		
10				u	1-3		29.84	ш	ш	"		u	ш	"		
11				SW	1-4		29.83	79	81	79		и	ш	7		
Mid.				u	1-3		29.82	u	и	"		u	ш	6		
_onait	ude h	y Chr	ronometer fi	rom Afternoo	on Observ	vation	s ⊙					0		,	и	
				Observations					,	*		0			u	
			Compass by				oh	served	at Suns			0			"	
	JII UI		, ciripado Dy	, ampiliade			J.		at Juilo			0		,	"	

at

Variation of the Compass by

Commences and until 4 A.M. Cloudy and cool. Moderate breeze from W. Heavy dew. Moon obscured during greater part of watch. Moon set at 2. At 2.10 sighted Tybre Light bearing N.W. by W. At 3.10 made Martins Industry Light Ship bearing N. by W. Soundings 12 and 13 fathoms. At 3.20 altered course to N. 1/2 W. Martins Industry Light Ship bore N. 1/2 E. and Tybre Light W.N.W. 1/2 W. at end of watch. Revolutions 50. Steam pressure 70 lbs.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Warm. Light W[ester]ly breeze. Cir. Cum. clouds. At 4.20 slowed down. At 4.45 passed Light Ship. Steaming into Port Royal S.C. At 6 exchanged numbers with "New Hampshire". "N.H." made general signal 12.28. "N.H." to "Essex" 3146. "Essex" to "N.H." sent 5573. "N.H." to "Essex" 4799. "Essex" to "N.H." Geog 7117. "N.H." to "Essex" 5637. "N.H." to "Essex" 212. "N.H. to "Essex" 4799. "Essex" to N.H. Geog 7117. "N.H." to "Essex" 1219. At 7.58 came to anchor in Beaufort River S.C., with starboard anchor in 5 fathoms of water, 22 1/2 fathoms chain at water's edge. Draft forward 14 feet, Amidships 15 feet, Aft 16 feet. Banked fire in six boilers. Average pressure 60 lbs. Revolutions 50. Temp of bunkers 112°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and warm. Light N.W. breeze. At 10 health officer boarded the ship and granted pratique. Commander visited Senior Officer, pennant aboard the "New Hampshire". At 11.30 swung to flood. Fires banked. At 11.30 "New Hampshire" made general signal 3918.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light airs from N, shifting by E to S. At 12.20 "New Hampshire" made general signal 3918. At 1.30 hauled fires in two boilers. Banked fires in four boilers. Average pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant. Fresh breeze from S, decreasing. At 5.30 swung to ebb. Walter C. Blake (Mach) was re-enlisted for three years with same grade on continuous service.

(Signed) James K. Cogswell Ensign.

From 8 to Midnight. Clear. Pleasant. Light S and W breeze. Cir. Cum. clouds passing from N and W. Slack water at 11.10, swung to flood at 11.45. Banked fires in four boilers. Average pressure 30 lbs. Distilling. By order of Commanding Officer Wm H. Rich (Lds) stood two hours extra watch and James B Stanley (1.C.B.) three hours.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS			BAROME	TER.	TI	EMPERATI	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		_														
1				S and W	1-2		29.80	80	82	80		bc	Cir	8		
2				и	2		и	79	80	79		u	Cum Cum	7		
3				ш	u		и	77	u	78		"	u	6		
4				u	"		и	u	79	75		"	и	u		
5				WNW	"		29.82	75	78	"		"	Cum Str	9		
6				ш	u		29.83	76	77	74		"	Cum	u		
7				NW by	"		29.85	u	78	u		"	44	u		
8				W NW	u		29.87	u	80	76		"	44	u		
9				u	1-2		и	77	81	77		u	ш	8		
10				u	"		и	78	82	78		"	и	u		
11				u	"		u	80	84	80		"	ш	"		
Noon				и	0-1		и	82	86	82		"	"	u		
		-		oreceding No	on						k	nots	fa	athoms.	и	
	e by D. F											0			"	
-	ide by D e by Obs			t Noon ⊙								0		4	"	
				from Foreno	on Obse	rvatio	ns ⊙					0		,	"	
Curren	t during		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	knot			fms. per h	nour se	tting to	the						
time Variation	on of the	Com	nace h	y Amplitude			•	1001, 00	tung to	uic		0		"	"	
				y Ampilitude on y Azimuth ⊚			Julilise					0		"	"	
				preceding 2		, a at								316 ga	allons.	
Water	Cond		-	, 3		the p	receding	24 hour	s					1100		
Water	remainin	g on	hand fi	t for me at No	oon									2021	"	
Coal co	onsumed	l duri	ng the	preceding 24	hours							2	tons	1795	lbs.	
Coal re	emaining	on h	and at	Noon								134	u	1840	u	
5.44																
P,M																
1				Calm	0		29.86	84	87	84		bc "	Cum "	4		
2				S by W	2		29.84	86 "	88			"		5		
3 4				и	"		29.82 29.80	83	87 84	80		и	Cir Cum Cum	6		
5				u	"		29.80	82	"	"		и	"	8		
6				ш	"		"	80	82	"		и	ш	"		
7				u	"		u	"	"	79		u	ш	"		
8				u	"		и	78	81	77		ш	и	"		
9				NNW	"		29.85	"	80	u		и	ш	u		
10				u	1		29.86	"	79	"		u	u	9		
11				NW	2		29.84	"	78	u		и	Cir Cum	u		
Mid.				WNW	1		29.85	ш	44	ш		ш	ш	8		
												0				
-				from Afterno		rvatio	ns ⊙		-			0			"	
-				Observations	3				*			0				
				y Amplitude			ob		at Suns	et		0				
variatio	on of the	Com	pass b	y				at				,		-	-	

Commences and until 4 A.M. Clear and pleasant. Light breeze from S and W. Ship swinging to flood. Barometer steady. Steam pressure 30 lbs.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from N. and W. Slack water at 4.30. Swung to flood at 5.20. Barometer rising. Spread fires at 7.30. Steam in four boilers. Pressure 30 lbs.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Warm. Light N.W[ester]ly breeze. Cum. clouds. At 8.50 made Int. 4890, answered by "N.H." 904. At 9 got underway and steamed alongside "Pawnee". Commenced coaling at 10. Slack water at 11.20. At 11.30 "N.H." made general signal 2984. Swung to flood at 12. Received on board 12.3 tons coal. Banked fires in four boilers. Average pressure 55 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Warm. Light breeze from S. Engaged in coaling ship. Received onboard 18 tons coal. At 3.35 cast off from "Pawnee". Put on mooring swivel at 30 fathoms on port chain. At 3.45 came to with port anchor. Veered to 60 fathoms. Condemned and threw overboard 50 lbs. of bread.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Warm. Light S. by W. breeze. Cum. clouds. 4.01 let go starboard anchor, veered to 30 fathoms on starboard chain, and moored ship with 30 fathoms on each chain. Put on mooring swivel. Slack water at 6.15. Swung to ebb at 7. Banked fires in two boilers. Average pressure 30 lbs. Distilling. Swung to ebb at 7. Banked fires two boilers. Average pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Cool. Light airs from N. and W. Riding to ebb tide. Fires banked in two boilers. Steam Pressure 32 lbs. Distilling.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROME	ETER.	TI	EMPERATI	URE.	State	Forms of		State	
Hour.	Knots .	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				NE	2		29.84	76	78	76		bc	Cum	8		
2				"	"		ш	u	77	75		ш	u	"		
3				ш	3		"	74	74	73		u	и	"		
4				ш	3-5		44	73	72	71		u	и	"		
5				N	4		29.88	71	"	69		u	и	"		
6				ш	и		и	u	71	67		u	Cir Cum	9		
7				NNE	3		29.89	u	u	68		u	"	ш		
8				ш	"		66	"	44	u		u	и	u		
9				ш	и		и	u	73	70		u	и	u		
10				N by E	2		29.92	72	74	u		ш	и	"		
11				ш	"		"	"	76	72		u	и	"		
Noon				NNW	"		29.90	74	78	75		u	и	"		
Distan	ce run by	/ Loa	since r	oreceding No	oon							knots	fa	ithoms.		
	le by D. F	-		orcocarrig 140	5011							0	10		"	
	ude by D			ı								0		ı	u	
				t Noon ⊙								0			"	
				from Forence	on Obse	rvatio	ns ⊙					0		ı	u	
Curren	t during			knot			fms. per l	nour. se	ttina to t	the						
time Variati	on of the	Com	nass h	y Amplitude					. 5			0		и	"	
				y Azimuth ©								0		ıı	"	
				preceding 2										248 ga	allons.	
Water	·		Ü			the p	receding	24 hour	S					900		
Water	remainin	g on	hand fi	t for me at N	-									2673	3 "	
Coal c	onsumed	d duri	ng the	preceding 24	4 hours							1	tons	1035	lbs.	
Coal re	emaining	on h	and at	Noon								133	"	805	u	
P,M																
1				N	1		29.90	74	79	75		b	None	10		
2				"	"		29.88	74 75	"	76		"	"	"		
3				SE	1-2		29.86	77	"	"		bc	Cum"	9		
4				"	"		"	"	44	и		"	u u	"		
5				SSE	2		"	"	78	"		u	Cir Cum	"		
6				u	"		29.87	74	75	72		u	u	"		
7				ш	1		44	"	74	u		u	Cir Str	7		
8				SE	2		29.89	72	ш	"		"	ш	9		
9				SSE	44		29.90	u	u	и		u	ш	u		
10				u	1		29.91	71	73	71		"	ш	"		
11				"	и		29.92	и	u	и		u	ш	ш		
Mid.				u	"		29.95	u	"	ш		"	æ	u		
_				from Afterno		rvatio	ns ⊙					0			"	
_				Observation					*			0				
				y Amplitude			ob		at Suns	et		0				
Variati	on of the	Com	ipass b	У				at				3				

Commences and until 4 A.M. Clear. Cool. Pleasant. Light N.E[aster]ly wind, increasing to fresh breeze, Cum. Clouds. Swung to flood tide at 12.45. Moon set at 2.53. Moon, and bright starlight. By order of Commanding Officer, Phillip Kincade (Lds) stood four hours extra watch. Banked fires in two boilers. Average pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from N. and E. Slack water at 6.30. Swung to ebb at 7.30. "New Hampshire" made dress signal 3351. Fires banked in boilers. Average steam pressure 30 lbs. Distilling. Richard Beale (Mach) was transferred to U.S. Receiving at New York with his accounts.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light N[orther]ly breeze. Engaged in holy stoning decks. Surgeon's Wells and Clark and Asst. Surgeon Hibbert reported onboard as member of a medical survey. Received an official visit from Commodore A. K. Huges, Commanding Station. Riding to ebb tide. Slack water at 11.30. Fires banked in two boilers. Steam pressure 30 lbs. Distilling.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light airs from N. first part, shifting to S. and E. Swung to flood tide at 12.30. At 1 made interrogatory signal 2984. Flagship answered 904. At 2.50 Flagship signaled 1087, answered. Charles Delmar (O.S.2.C.) was discharged in obedience to orders from Bureau of Equipment and Recruiting. Fires banked in two boilers. Average pressure 30 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light breeze from S. and E. Slack water at 7. Swung to ebb at 7.30. Stopped distilling and hauled fires in two boilers.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and cool. Light S.S.E. breeze. By order of Commanding Officer, John Hall (1.C.B.) and W.D. Jenkins (O.S.2.C.) stood one watch on quarter deck. Riding to ebb.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROME	TER.	TE	EMPERATI	JRE.	01-1-	F		04-4-	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		_														
1				SSE	2		29.90	69	72	70		bc	Cir	5		
2				"			"	"	"	"		"	Cum "	6		
3				ш	и		"	"	"	u		u	и	"		
4				SE	и		u	68	71	69		"	и	5		
5				NE	и		29.91	"	9	68		u	Cum	4		
6				u	3		29.92	"	68	67		ш	Cir	6		
7				ш	4		29.94	67	71	69		u	Cum "	8		
8				ш	"		29.95	70	"	"		"	и	3		
9				ш	и		29.98	"	72	70		bcq	u	4		
10				ш	4-5		30.00	"	ш	"		"	и	5		
11				ENE	и		66	"	44	u		и	u	2		
Noon				и	и		u	69	70	69		oq	и	0		
				receding No	on							knots °	fat	homs.	u	
	de by D.											0				
	ude by D			Noon O								0			"	
	de by Ob				on Ohoo	n rotio	no @					0	,		"	
_	nt during		Jilletei	from Foreno						u						
time	_			knot			fms. per h	iour, se	tting to t	tne		0			_	
				y Amplitude			Sunrise					0			"	
				y Azimuth ⊙		d at						-		070		
		ea aui	ing the	preceding 2		4ha =		04 have	_					273 ga	allons.	
Water		a on	hand fit	for mo at N	_	tne p	receding	24 nour	S					2400	. "	
				for me at Noreceding 24									tons	275	lbs.	
	emaining		-	-	rilouis							133	"	530	"	
Court	cmaning	, 011 11	and at i	10011								100		000		
P,M													0: 0			
1				ENE	4-5		30.00	68	69	67		oq	Cir Cum Nimb	0		
2				u	ш		и	67	ш	u		u	Cum Nimb	и		
3				ш	3-4		29.99	68	44	u		bc	"	1		
4				u	5-4		и	"	ш	u		ocr	44	0		
5				"	3		30.00	67	44	u		0	ш	ш		
6				u	2		и	u	"	u		u	ш	и		
7				"	ш		30.01	"	68	"		u	ш	ш		
8				ш	и		30.03	68	67	66		u	66	и		
9				"	и		30.04	67	и	65		bc	ш	2		
10				NE	3		и	"	u	u		ос	и	0		
11				NNE	и		30.05	66	"	"		bc	ш	3		
Mid.				u	"		30.06	"	66	"		"	ш	7		
Longit	ude hv C	hron	ometer	from Afterno	on Ohse	rvatio	ns ⊙					0			ш	
_				Observation					*	ķ		0			"	
-				y Amplitude	-		oh	served	at Suns			0	,		"	
	ion of the						55	at		-		0			u	
2				•												

Commences and until 4 A.M. Cloudy, cool. Light breeze from S. and E. Bright moonlight. Slack water at 1.30. Swung to flood at 2. Moon set at 3.30.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and pleasant during first part, last hour partially overcast. Moderate breeze from N. and E. Slack water at 7. Swung to ebb at 7.45. Engaged in painting ship outside. Steamer "City of Dallas" of New York arrived. Sent J. H. Fernald (C. Smith) Francis Norton (2.C.F.) and W.F. Hasson (O.S.2.C.) to the steamer for passage to New York, with accounts and transfer papers, having been condemned by medical survey. At 7 "New Hampshire" signaled 3357.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant, overcast last hour. Moderate breeze from N. and E, fresh in squalls. Finished painting ship outside. Engaged in painting ship inside. Riding to ebb tide.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Overcast and squally. Fresh breeze from N. and E. At 1 Chief Engineer Rearick and Asst. Engineer Ransom went aboard monitor "Saugus" to survey that vessel's boilers. Engaged in painting ship. Swung to flood at 1.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Overcast and cool. Light breeze from E.N.E. Slack water at 7.20. Swung to ebb tide at 7.55.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Partially overcast during first part, afterwards clear, cool and pleasant with light breeze from N. and E. Bright moonlight at end of watch. Ship riding to ebb tide. Barometer steady.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINE	os.		BAROME	TER.	TE	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots	Fathoms.	Cou rses stee red.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				NNE	1-2		30.05	63	64	63		bc	Cum	9		
2				ш	u		30.05	"	"	u		u	и	"		
3				и	u		30.06	"	63	62		"	u	5		
4				ш	и		и	64	u	"		u	и	2		
5				и	u		и	62	62	u		u	Cir Cum	7		
6				ш	ш		и	63	u	"		u	"	8		
7				ш	и		30.05	65	64	63		u	и	u		
8				u	и		30.07	u	66	64		u	и	u		
9				ш	2		30.10	67	69	66		u	ш	"		
10				NE	2-3		30.12	68	70	67		"	ш	"		
11				ш	и		30.13	ш	72	68		u	ш	u		
Noon				и	u		и	69	u	69		"	ш	9		
Distan	ce run by	y Log	since p	oreceding N	oon						ŀ	nots	fai	thoms.		
Latitud	le by D. I	R. at	Noon									0			и	
Longit	ude by D	). R. a	t Noon									0	•		"	
Latitud	le by Ob	serva	tions a	t Noon ⊙								0			"	
-			ometer	from Foren	oon Obse	rvatio	ns ⊙					0	•		и	
Currer time	nt during	the		kno	ots		fms. per h	nour, se	tting to t	he						
Variati	on of the	Com	npass b	y Amplitude	⊙ obser	ved at	Sunrise					0	"		u	
Variati	on of the	Com	ipass b	y Azimuth (	observe	d at						0	и		u	
	expende	ed dur	ring the	preceding :										257 ga	allons.	
Water					-	the p	receding	24 hour	s						"	
				t for me at N										2143		
			_	preceding 2	4 nours							1 132	tons "	195 325	lbs.	
Coarre	emaining	OITI	anu at	NOON								132		323		
P,M																
1				ENE	2-3		30.11	69	72	69		bc "	Cir Cum	9		
2					"		30.10	70	73	"		"		8		
3					"		30.09	71 "	"			"	u	9		
4 5				u	ш		и	72	и	70 69		ш	Cum	8 9		
6				Е	2		ш	71	72	"		ш	Cir Cum	8		
7					ш		ш	70	70	68		ш	ш	7		
8				u	u		и	u	"	u		u	ш	"		
9				u	u		30.11	69	71	70		и	и	8		
10				u	1-2		30.13	"	69	68		"	ш	9		
11				u	ш		30.15	68	ш	67		ш	и	8		
Mid.				u	u		30.16	u	68	66		u	ш	и		
				,	<u>.</u>		•					0			**	
-				from Aftern		rvatio	ns					0			"	
-				Observation			ch	contod:	* at Sunse			0			и	
	on of the			y Amplitude	;		OD	served at	at ourise	<b>5</b> 1		0			"	
vanati	on or the	COIT	ihass D	y				aı								

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cool. Light airs from N.N.E. Slack water at 2.04. Swung to flood at 2.50. Moon set at 4. By order of Commanding Officer, J. B. Stanley (O.S.2.C.) and W. D. Jenkins (O.S.2.C.) stood one extra watch.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Cool. Light N.N.E. breeze. Cir. Cum. clouds. Slack water at 7.35. Swung to ebb at 8. Received in Pay Department 122 lbs fresh beef and 132 lbs. vegetables. At 7.30 "New Hampshire" made general signal 3350.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from N. and E. Ship riding to ebb tide. At 9.50 "New Hampshire" made general telegraphic signals. 6702. 1623. 9409. 1004. 9319. 6504. And at 11.15 the following. 8787. 6137.0935. 6322. 392. 9175. Engaged in touching up spots on paint work. Barometer steady.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Light E.N.E breeze. Cir. Cum. clouds. Slack water at 1.30. Swung to flood at 2.30. Barometer falling slightly.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear cool and pleasant. Light breeze from E. Riding to flood. At 7 mustered at quarters and served out clean hammocks. Moon rose at 7. The following ratings were made. G.P. Wilson (1.C.F.) to (Mach), J.F. Hennesey (2.G.F.) to (1.G.F.) J. Huges (Lds C.F.) to (2.C.F.) and J. Sutton (Lds. C.F.) to (2.C.F.) by order of Comdg Officer.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Light E[aster]ly breeze. Cir. Cum. clouds. Bright moonlight. Slack water at 8.20. Swung to ebb at 9. Barometer rising.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TI	EMPERAT	URE.	State	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Α,	×	ш										S.		2.47		
M.																
1				E	1-2		30.14	65	68	67		b	None	10		
2				ш	"		30.12	"	67	66		u	и	"		
3				и	2		30.11	u	66	"		и	" O:	и		
4				и	u		30.10	u	65	64		bc	Cir Cum	9		
5				NE	"		и	64	63	63		"	u	8		
6				u	"		30.12	"	64	64		44	"	9		
7				NE by E	"		30.14	65	66	65		u	и	u		
8				ш	3		30.16	68	68	66		u	и	6		
9				ENE	"		30.17	69	70	67		u	и	5		
10				ш	4		30.18	70	72	69		u	и	u		
11				и	3-5		44	"	и	70		"	u	3		
No on				u	3-4		30.17	71	44	u		"	u	2		
			-	oreceding No	on						ı	knots		fathoms.		
Latitu	ıde by [	D. R.	at Noon									0		•	и	
Long	itude by	y D. R	R. at Noon									0		•	и	
Latitu	ide by (	Obser	vations a	t Noon ⊙								0		•	и	
-				from Foreno	on Obser	vatio	ns ⊙					0		•	и	
time	ent durii	ng the	9	Knot	ts		fms. per h	our, se	tting to	the						
	tion of	the C	ompass b	y Amplitude	⊙ obse	rved	at Sunrise					0		ш	ш	
Varia	ation of	the C	ompass b	y Azimuth ⊙	observe	d at						0		44	"	
Wate	er exper	nded (	during the	preceding 2	4 hours									255 ga	llons.	
Wate	er				during	the p	receding	24 hour	S						"	
Wate	er remai	ining o	on hand fi	t for me at No	oon									1888	"	
Coal	consun	ned d	uring the	preceding 24	hours								tons	275	lbs.	
Coal	remain	ing or	n hand at	Noon								132	u	60	u	
P, M.																
1				ENE	3		30.17	70	73	70		bc	Cum	2		
2				NE	"		30.16	71	"	"		0	Nimb "	"		
3				"	"		30.15	"	и	u		"		u		
4				NE by	u		30.14	"	u	u		и	ш	"		
				E	4		30.14	"					"			
5				ENE "	"				72	69		bc		1		
6								70	71	70		op "		0		
7								"		"				-		
8									72			bc		2		
9				NE "	4		30.20	72	71 "	69		0	"	0		
10				 NE by	-									-		
11				N N	3-5		"	71	70	"		oqr		"		
Mi d.				"	ш		ш	70	u	68		u	"	"		
Long	itude by	y Chro	onometer	from Afterno	on Obsei	vatio	ns ⊙					0			"	
				Observations					*	k		0		•	"	
				y Amplitude			ob	served	at Suns	et		0		•	"	
Varia	tion of	the C	ompass b	у				at				0		•	"	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool and pleasant. Bright moonlight. Light breeze from E. Slack water at 3. Ship swung to flood at 3.45. Barometer falling slowly.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from N. and E. Slack water at 7. At 8 crossed top gallant yards. Barometer rising.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Cool. Pleasant. Fresh E.N.E. breeze. Cir.Cum. clouds. At 9.30 swung to ebb. At 9.45 U.S.S. "Hartford" came in and anchored. At 10 Commanding Officer ship and crew at quarters, immediately read Divine service. Commanding Officer paid official visit to Flagship. Barometer falling slowly.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast cool. Moderate breeze from N. and E. Slack water at 3.10. Swung to flood at 3.50. Barometer falling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Cool. Pleasant. Moderate E.N.E. breeze. Cum. Nimb. clouds. Slight rain during latter part of watch. Barometer steady. Riding to flood. At 6.30 Flagship made general signal 29.85.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast, cool. Fresh breeze from N. and E. Raining latter part. Swung to ebb at 9.30. Barometer steady.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TI	EMPERAT	URE.	State	Forms of		State	
_	ø	gi	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air	Water	of the Weath	Clouds, by symbols.	, of Clear in 10ths.	of the	Record of the sail the vessel is
Hour	knots	Fathoms.				Lee	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	er by symbol s.		Prop.	Sea.	under at end of watch.
A,																
M.																
1				ENE "	3-5		30.19	69	69	68		orq "	Niimb "	0		
2				"	"		"	"	"			u	u	u		
3								67	67	66		"	"	u		
4				u			30.21	66 "	66 "	"				"		
5					2		30.22									
6								67	67	67		or	Cum			
7				и	1		и	и	u	u		bc	Nimb	1		
8				u	3-4		30.23	68	69	68		oq	и	0		
9				NE	ш		30.27	"	"	"		orq	и	"		
10				NE by E	"		30.30	"	ш	"		oq	и	и		
11				u	3		44	"	"	"		or	и	"		
No on				ENE	"		и	69	70	"		0	и	и		
Dist	ance rui	n by L	og since <sub>l</sub>	oreceding No	on						k	nots		fathoms.		
Lati	tude by	D. R.	at Noon									0		•	44	
Lon	gitude b	y D. F	R. at Noon	l								0		•	44	
Lati	tude by	Obse	rvations a	t Noon ⊙								0		•	"	
	-			from Forenoo	on Obse	rvatio	ns ⊙					0		•	"	
Cur	rent duri	ing th	е	knots	s		fms. per h	our, se	tting to	the						
		the C	ompass b	y Amplitude	⊙ obser	ved at	Sunrise					0		и	"	
Vari	iation of	the C	ompass b	y Azimuth	observe	d at						0		"	"	
Wat	ter expe	nded	during the	preceding 24	4 hours									300 ga	allons.	
Wat	ter				during	the p	receding	24 hour	s						"	
Wat	ter rema	aining	on hand fi	t for me at No	oon									1588	3 "	
Coa	al consu	med c	luring the	preceding 24	hours								tons	1175	lbs.	
Coa	ıl remair	ning o	n hand at	Noon								131	"	1125	u	
P, M.																
1				E by N	3-4		30.28	70	70	68		or	Cum	0		
2				ENE	"		30.26	u	71	69			Nimb "	u		
3				"	"		"	69	69	68		oqr or	ш	"		
4				NE	2		64	"	"	"		"	ш	"		
				NE by			00.00	u	u	"			"	и		
5				E	3-4		30.28	-	-	-		oqr	-	-		
6				ENE	2		30.27	"	4	"		0	и	и		
7				u	44		30.28	ű	ű	ű		ш	u	и		
8				u	3		30.27	ű	ű	ű		bc	u	2		
9				u	3-4		30.26	u	"	"		bcq	at .	6		
10				NE			30.27	u				oq		0		
11 Mi				ш	3		30.26	u	"	"		u	ad .	ű		
Mi d.				u	3-5		u	u	u	"		u	ш	и		
Lon	gitude b	y Chr	onometer	from Afterno	on Obse	rvatio	ns ⊙					0			44	
Lon	gitude b	y Chr	onometer	Observations	3				*	•		0		•	и	
Var	iation of	the C	ompass b	y Amplitude			ob	served	at Suns	et		0			u	
Var	iation of	the C	ompass b	у				at				0			"	

Commences and until 4 A.M. Overcast. Rainy. E.N.E. breeze, with fresh squalls. Nimbus clouds. Slack water at 3.15. Obscured moonlight.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast. Cool. Squally. Light breeze from E.N.E. At 4.20 swung to flood tide. At 8 "New Hampshire" fired a salute of 13 guns. Hartford" returned the salute with 11 guns. At 7.30 Flagship made general signal 3351.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Overcast, cool, rainy. Fresh breeze from N.E. by E. At 8.45 Flagship made general signal 611, answered 132. Flagship made telegraphic signals 7362, 4204, and 8218. Made interrogatory signal 1872 to Flagship. Flagship made signal 3873. Slack water at 9.30. Swung to ebb at 10.20. At 10.30 "New Hampshire" fired a salute of 13 guns, "Hartford" returned with 11. At 11 unmoored ship. Hove up starboard anchor. Lifted port anchor clear of bottom and dropped astern. At 11.50 let go port anchor, veering to 30 fathoms chain. Barometer steady.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Overcast and rainy. Moderate breeze from N. and E. At 2.10 Flagship made signal 1087, excepting "New Hampshire" and "Essex", answered. Slack water at 2.30. Captain P.B. Luce U.S.N. made an official visit of courtesy to Commanding Officer.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast, rainy. Moderate breeze from N. and E. Riding to flood tide. Flagship made general signal 1087. Made interrogatory signals 4881. Flagship answered 904.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Midnight. Overcast. Cool. Moderate breeze from N. and E., fresh in squalls. Slack water at 9.40. Swung to ebb at 10.30.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	ETER.	Т	EMPERAT	URE.	State	Forms of		Ctoto	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	_	_										5.				
A,M.				NE	0		00.07	00	00	00			Nimb	•		
1				NE	2		30.27	69	69	68		bc	Cum	2		
2					"		30.28	u	70	ш		0	"	0		
3				NE by E	4				69 "	"		ор		"		
4					1-2		30.27	"	"			0				
5				NE "			30.28			67			u			
6					2			68	67	66		op	u			
7					2-3		"	67	"	"		bc	u	1		
8					3							0	Cir	0		
9				44	ш		и	и	44	ш		bc	Cum	1		
10				ш	"		ш	68	69	67		44	44	"		
11				NNE	4		30.27	70	71	68		44	44	"		
Noon				N by E	5		30.26	72	73	96		ш	и	"		
			-	receding No	on							knots °		fathoms.	44	
			at Noon									0				
			. at Noon									0				
			vations at				_					0				
Longitu Curren				from Foreno	on Obsei	rvatio	ns ⊙					Ü		•	•	
time	t duili	ig tile	;	knot	S		fms. per l	nour, se	tting to	the						
Variation	on of t	the Co	ompass b	y Amplitude	⊙ observ	ed at	Sunrise					0		u	"	
Variation	on of t	the Co	ompass b	y Azimuth ⊙	observe	d at						0		u	"	
Water	expen	nded o	during the	preceding 24	4 hours									255 ga	allons.	
Water					during	the p	receding	24 hour	S						ш	
Water	remaii	ning o	on hand fi	for me at No	oon									1333	"	
Coal co	onsum	ned d	uring the	preceding 24	hours								tons	275	lbs.	
Coal re	emaini	ing or	hand at	Noon								131	ш	850	"	
5.44																
P,M.				=	_		00.00	70		70			0: 0			
1				N by E	5		30.26	72 "	74	70		bc "	Cir Cum	2		
2				"	и		30.24	"	75 "	72 "		"	ш	u		
3				"	и		30.22	"	"	"		"	ш	u		
4				"	4		30.20	"	"	u		"	ш	-		
5 6				"	4		30.19	"	"	u		"	ш	5 6		
				"	и		4	"	"	u		"	ш	7		
7 8				ű	3		44	"	"	u		44	ш	8		
9				NE	"		30.18	73	73	72		b	None	10		
10				"	"		30.10	73 70	73 72	72		"	"	"		
11				ш	"		u	"	72 71	70		u	ш	"		
Mid.				ш	"		u	"	71	69		u	ш	"		
ivilu.									10	บช						
Lonaiti	ıde by	/ Chr	nometer	from Afterno	on Obse	rvatio	ns ⊙					0		•	"	
-				Observations			•		*	ķ		0			u	
_				y Amplitude			oh	served	at Suns			0			и	
			ompass b				36	at		- •		0		,	"	
	5. (			,				۵.								

Commences and until 4 A.M. Overcast, with occasional rain showers. Light breeze from N. and E. Riding to ebb tide. Obscured moonlight.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Overcast. Moderate breeze from N.E. Tide turned flood at 7. Flagship signaled 3351.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Cloudy. Cool. Pleasant. Fresh N.E[aster]ly breeze. Cir. Cum. clouds. Slack water at 10.30. Swung to ebb at 11. At 11.30 Flagship made general telegraphic signals 9559. 629. 6398. 3310. 4204. Cor, No 1. 629. Cor, No 88. 9409. 9282. 0981. 3181. Received in Pay Department 105 lbs fresh bread. By order of Comdg Officer, J. Turney (Lds) and C. B. Foster (Lds) were declared deserters, they having been about ten days without leave.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear, pleasant, with fresh breeze from N. At 1 transferred to temporary duty to U.S.S. "Leleigh" the following named men, Viz. John Ford (Lds E.F.). Fred Cashman (1.C.F.). Mick Clary (2r Gr). Fred Porter (Sea). Herman Meyer (1.C.B.) W. J. Smith (O.S.2.C.). John Hall (1.C.B.). Fred Wolfinger (O.S.2.C.). F. C. Jones (1.C.B.). John Hashagau (O.S.2.C.). J. V. Marion (1.C.B.). P. H. Emmons (O.S.2.C.). Geo. H Fisher (1.C.B.). J. B. Stanley (1.C.B.). To "Ajax" for temporary duty, Henry Simpson (2.C.F.). C. M. Thompson (Lds C.F.). Ensign S. C. Lemly, Midshipmen W. H. Allen and T. D. Griffin were detached and ordered to "Leleigh" for temporary duty. Midshipmen G. W. Hannum and Richard Henderson to the "Ajax". Riding to ebb during watch. Slack water at 4. Received onboard 1650 galls. of fresh water.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear and pleasant. Fresh breeze from N. and E. At 4.30 swung to the flood. At 7 mustered at quarters.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Moderate N.E. breeze. At 9.45 moon rose. Bright moonlight. At 10 slack water. Swung to ebb at at [sic] 10.45

(Signed) James G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BARO	METER.	Т	EMPERAT	URE.	01-1-	F		01-1-	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
				_	2	20.16	65	67	67		ho	Cir	6		
1				E "		30.16	65 "	67	67		bc "	Cum "	6		
2					3	30.15	"	"	"				"		
3				u	"		"	"	"			u			
4													4		
5				NE by N	2	30.18	66		66		44	и	8		
6 7				NE	"	"	67 68	68 69	67 "		"	ш	u		
8				"	ш	ш	69	70	68		44	ш	u		
9				ш	3	30.17	71	72	"		"	и	7		
10				NNE	4	30.15	74	75	70		"	"	8		
11				"	"	30.13	75	77	72		"	"	"		
Noon				"	3	"	"	"	"		"	ш	u		
					Ü										
Distar	nce rur	bv Lo	oa since pi	receding Noo	n					kı	nots		fathoms		
			at Noon	· ·							0		•	"	
			. at Noon								0		•	"	
Latitu	de by	Obser	vations at	Noon ⊙							0		•	u	
Longi	tude by	y Chro	nometer f	rom Forenoo	n Observa	ations ⊙					0		•	u	
Curre	nt duri	ng the	time	Kno	ts	fms. per	hour, se	etting to	the						
Variat	tion of	the Co	ompass by	Amplitude @	observe	d at Sunrise					0		"	u	
Variat	tion of	the Co	ompass by	Azimuth ⊙ o	bserved	at					0		"	u	
Water	r exper	nded d	luring the p	preceding 24	hours								255 g	allons.	
Water	r F	Receiv	red		during	the preceding	g 24 hou	rs					1650	"	
Water	r remai	ning o	n hand fit	for me at No	on								250	) "	
Coal	consur	ned du	uring the p	receding 24 I	nours							tons	275	lbs.	
Coal	remain	ing on	hand at N	loon							131	u	575	и	
P,M															
1				E by N	3	30.13	75	77	72		b	None	10		
2				и	4	30.12	"	76	"		ш	ш	и		
3				и	ш	ш	"	u	u		"	u	u		
4							"	"	"						
5					3	30.11	"				bc "	Cir Cum	9		
6													8		
7							"	75							
8					2			74	71 "			0			
9				u		u	74	72	u		"	Cum "	-		
10				Colm	1 0	и	73	70 "			"	ш	7		
11 Mid.				Calm "	"		"	"	69 "		"	ш	"		
ivila.															
Longi	tuda h	/ Chro	nometer f	rom Afternoo	n Obser	ations (A					0		4	"	
_				Observations	II ODSEIV	200113 U		,	*		0			ш	
_				Amplitude			bserved				0		,	"	
			ompass by			C	at	at Suits	oct.		0		,	"	
varial	uon ol	1110 U	niipass by				al								

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant with light breeze from E. Riding to ebb.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. At 5.15 slack water. At 5.40 swung to flood. At 6.40 "Hartford" got underway and stood out to the harbor. Clear and pleasant during watch with light breeze from N. and E. At 7.45 made signal interrogatory 5455 to "New Hampshire", answered 904.

(Signed) Asa Walker Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from N. and E. At 10.20 "New Hampshire" made general signal 2984. At 11.35 made interrogatory 4826. "New Hampshire" answered 904. Furled sail. At 11.30 swung to the ebb.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Moderate E. by N. breeze. Riding to ebb. Unbent and sent below gaff topsail.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant with light breeze from E. At 4.30 swung to flood. Barometer steady.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear. Calm latter part of watch. Bright moonlight. At 11.30 swung to ebb.

(Signed) James K. Cogswell
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of	<b>=</b>	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				ENE	1		30.11	69	69	69		b	None	10		
2				NE	"		30.10	"	"	"		u	u	"		
3				NE by N	2		u	"	u	u		ш	ш	u		
4				NNE	ш		ш	"	"	u		"	44	u		
5				"	u		ш	"	"	u		ш	ш	u		
6				ш	ш		30.12	68	68	68		"	u	u		
7				u	u		30.13	"	"	u		и	u	u		
8				"	"		30.14	70	71	70		"	es	"		
9				ш	"		30.15	72	74	73		bc	Cir Cum	9		
10				ш	u		"	"	u	74		"	"	8		
11				"	u		ш	"	"	u		ш	ш	u		
Noon				u	u		"	"	u	"		"	ш	u		
				receding Noo	n						k	nots		fathoms		
			at Noon									0		•	44	
			. at Noon									0		•	44	
			vations at				_					0			"	
				from Forenoo								· ·		•	"	
	ent durir	-		knot			ms. per	hour, se	etting to	the		0			"	
				y Amplitude @			unrise					0				
				y Azimuth ⊙ o		at								200 ~		
Wate		iaea c	uring the	preceding 24		the pr	ooodina	24 hour						300 g	alions.	
		nina a	n hand fit	t for me at No	_	trie pr	eceding	24 HOU	ıs					220	n "	
				oreceding 24 l									tons	275	lbs.	
			n hand at I		iouis							131	"	300	iDS. "	
ooui	remain	ing on	i nana at i	140011								101		000		
P,M																
1				ENE	3		30.15	75	77	74		bc	Cum Str	9		
2				N by N	4		ш	76	"	"		ш	ш	u		
3				ш	u		"	"	u	"		"	ш	u		
4				и	u		ш	"	"	"		u	ш	u		
5				ESE	u		30.14	"	75	73		b	None	10		
6				SE	3		и	75	44	72		"	ш	"		
7				и	2		"	"	и	"		"	ш	u		
8				и	и		и	"	"	u		u	"	u		
9				"	"		30.15	"	"	"		bc "	Cir Cum	8		
10							30.16							"		
11				Calm "	0			73	74							
Mid.				-	-		30.17	-	72			-	-	-		
Long	itude by	/ Chrc	nometer	from Afternoo	n Observ	ations	•					0			"	
_				Observations	000014		-		:	*		0			u	
_				y Amplitude			oh	served	at Suns			0			u	
			ompass b					at				0			u	

Commences and until 4 A.M. Clear. Cool. Pleasant. Bright moonlight. Heavy dew. Light N.E. breeze. Riding to ebb.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant with light breeze from N. and E. At 5.50 slack water. At 6.10 ship swung to the flood. At 7.30 "New Hampshire" made general signal 3351.

(Signed) Asa Walker

Lieut.

From 8 to Merid. Clear and pleasant with light breeze from N. and E. At 9.30 mustered at quarters. Exercised Company A. at single sticks, Company B. and Marine Guard at infantry drill. Slack water at 11.30. Swung to ebb at 11.50.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E. Quarterly Board of Survey condemned and threw overboard 150 lbs coffee. Made preparations for towing monitor.

(Signed) James K. Cogswell

Lieut.

From 4 to 8 P.M. Clear. Cool. Pleasant. Moderate E[aster]ly breeze. Slack water at 4.30. Swung to flood at 5.20.

(Signed) Richard G. Davenport

Lieut.

From 8 to Midnight. Clear and pleasant. Light breeze from S. and E. first half of watch. Calm latter half. Swung to ebb at 11.50.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROME	ETER.	TI	EMPERAT	URE.	State	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
7, IVI.				Calm	0		30.19	70	70	69		bc	Cum	9		
2				"	u		"	"	"	"		"	"	"		
3				и	ш		u	"	"	"		ш	и	"		
4				Е	1		44	"	"	"		"	u	"		
5				NE	2		30.20	68	69	69		bcm	Str	"		
6				NE by N	ш		30.22	69	"	"		u	u	"		
7				u	и		ш	70	71	70		b	None	10		
8				ш	и		u	"	"	u		и	и	"		
9				ш	3		u	72	73	71		bc	Cum	9		
10				ENE	и		u	75	76	73		и	и	"		
11				u	"		44	77	78	74		u	и	"		
Noon				u	и		ш	79	80	75		4	и	"		
Distanc	e run b	y Log	since pre	ceding Noon							k	nots		fathoms		
Latitude	by D. I	R. at	Noon									0		•	u	
Longitu	de by D	). R. a	at Noon									0		•	u	
Latitude	by Ob	serva	itions at N	oon ⊙								0		•	u	
Longitu	de by C	hron	ometer fro	m Forenoon	Observa	tions (	⊙					0		•	u	
Current	during	the ti	me	knot	S		fms. per l	nour, se	tting to	the						
Variatio	n of the	Con	npass by A	Amplitude ⊙ o	observed	at Su	ınrise					0		ш	u	
Variatio	n of the	Con	npass by A	Azimuth ⊙ ob	served a	t						0		"	"	
Water e	expende	d du	ring the pr	eceding 24 h	ours									255 g	allons.	
Water					during	the p	receding	24 hour	s						44	
Water r	emainin	ng on	hand fit fo	or me at Noor	1									194	5 "	
				eceding 24 ho	ours								tons	275	lbs.	
Coal re	maining	on h	and at No	on								131	и	25	и	
P,M.				-	0		00.00	70	70	75			0:- 0:	•		
1				E "	3		30.22	78 "	78 "	75 "		bc "	Cir Cum	8		
2				u	и		u	"	44	u		u	ш	"		
4				"	ш		u	"	"	u		u	ш	"		
5				"	и		30.21	и	77	74		ш	Cir Str	9		
6				u	ш		"	77	"	"		"	"	"		
7				ENE	ш		30.22	76	76	"		u	ш	"		
8				NE	и		"	"	"	u		ш	ш	"		
9				"	2		44	"	"	"		b	None	10		
10				"	1		30.22	75	75	73		u	ш	"		
11				ш	"		"	74	74	72		"	ш	"		
Mid.				u	ш		u	73	73	"		u	и	"		
Longitu	de by C	hron	ometer fro	m Afternoon	Observa	tions	•					0			"	
•	•			servations					*	ķ		0			и	
-			npass by A				ob	served	at Suns	et		0			u	
			npass by	-				at				0			и	

Commences and until 4 A.M. Clear and calm. Light airs from E. at end of watch. Riding to ebb.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 A.M. Hazy around the horizon during first part of watch. At 6.10 slack water. At 6.40 ship swung to flood. At 7.30 "New Hampshire" made general signal 3357. Answered.

(Signed) Asa Walker

Lieut.

From 8 to Merid. Clear. Cool. Pleasant. Light E.N.E. breeze. Cum. clouds. Riding to flood. Slack water at 11.30. Sent working party to "Leleigh". By order of Commanding Officer, Pay Clerk W. P. DeBehren was placed under arrest, with sentry over him, for conduct prejudicial to discipline.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant with light breeze from E. Swung to ebb at 4. At 3 "New Hampshire" made telegraphic signals, 6849. 4904. 5964. 9409. 8432. 0935. 7836. 6860. 1608.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 6 P.M. Clear and pleasant. Light breeze from E. Swung to the flood at 6.

(Signed) James K. Cogswell
Lieut.

From 6 to 8 P.M. Clear and pleasant with light breeze from the N. and E. At 6.10 slack water. At 6.40 swung to flood tide. At 6.40 "Leleigh" hauled from alongside "Pawnee". At sunset sent down top gallant yards. Pay Clerk W. P. DeBehrens was released from arrest by order of Commanding Officer.

(Signed) Asa Walker Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Light N.E. breeze. Heavy dew. Bright starlight. Riding to flood. Moon rose at 11.40.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROME	TER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				Variable	0-2		30.24	70	73	70		bc	Cir Cum	9		
2				"	и		и	u	"	и		u	"	u		
3				ш	и		и	u	"	и		u	44	u		
4				NNW	2		ш	"	ш	u		u	u	и		
5				NE	1		30.23	72	72	71		и	Str	и		
6				ш	ш		ш	u	44	ш		u	"	и		
7				ш	и		u	"	"	"		u	44	"		
8				ш	и		и	ш	73	70		u	" C:-	"		
9				ш	u		"	72	76	71		u	Cir Cum	"		
10				ш	ш		ш	76	44	73		u	"	и		
11				ш	ш		30.24	78	78	74		и	"	и		
Noon	U	nderwa	ay	SE	2		30.25	80	80	75		и	u	8		Steaming 8 boilers.
Distan	ice ru	ın by L	og since	preceding No	on							knots		fathoms		
Latitud	de by	D. R.	at Noon									0		4	u	
Longit	ude	by D. I	R. at Noor	1								0		•	u	
Latitud	de by	Obse	rvations a	t Noon ⊙								0		'	u	
_				from Foreno	on Obse	rvatio	ns ⊙					0		•	"	
Currer time	nt au	ring th	е	Knot	ts		fms. per l	nour, se	tting to	the						
Variati	ion o	f the C	ompass b	y Amplitude	⊙ obser	ved at	Sunrise					0		u	u	
Variati	ion o	f the C	ompass b	y Azimuth ⊙	observe	d at						0		ш	u	
	expe	ended	during the	preceding 2										255 ga	allons.	
Water						the p	receding	24 hour	S							
				it for me at No								40		1690		
				preceding 24	hours							12	tons "	935	lbs.	
Coarr	emai	ning o	n hand at	NOON								108		1230		
P,																
M. 1				SE	2		30.24	77	77	75		bc	Cir Cum	9	S	
2				ű.	<i>u</i>		30.22	"	"	"		"	"	"	"	
3				ш	ш		30.21	"	"	и		"	ш	u	"	
4	4	0	ne e by	u	3		"	"	ш	и		"	"	и	u	
5	5	6	1/4 e "	SSE	"		u	76	76	74		b	None	10	"	Toposile & fore and off sails
6	6	2	44		и		u	"	"	"		"	None "	"	"	Topsails & fore and aft sails Steaming 8 boilers
7	6	6	"	u	ш		30.22	"	44	и		u	и	и	и	Topsails all fore and aft
8	6	4	и	ш	ш		"	"	"	и		"	ш	u	"	Sail except gaff topsail
9	6	0	"	ESE	1		u	"	44	u		bc	Cir	9	u	and flying jib.
10	6	0	44	u	u		u	73	72	73		b	None	10	"	u.
11	6	0	u	u	u		u	71	"	70		"	ш	"	"	и
Mi	6	4	u	ш	ш		"	70	"	u		"	u	"	"	и
d.																
Longit	ude	by Chr	onometer	from Afterno	on Obse	rvatio	ns ⊙					0			u	
Longit	ude	by Chr	onometer	Observations	s				*	k		0		•	"	
Variati	ion o	f the C	ompass b	y Amplitude			ob	served	at Suns	et		0			"	
Variati	ion o	f the C	ompass b	ру				at				0			"	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Wind light and variable. At 12.40 swung to ebb.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and pleasant. Light airs from N. and E. At 6.30 swung to the flood. At 6 "Ajax" got underway. At 7 "Ossipee" got underway and steamed out. At 7.30 "New Hampshire" signaled 3354. At 7 started fire under eight boilers. At 7.15 made Int. 3351 and Int. 4560. "New Hampshire answered 904.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear. Cool. Pleasant. Light N.E[aster]ly breeze. Cir. Cum. clouds. Riding to flood. At 10.30 brought to and hove in to 15 fathoms port chain. At 10.45 made Int. signal 4890, "New Hampshire" answered 904. At 11 called all hands, hove up port anchor. And at 11.20 started ahead with "Leleigh" in tow. Steam in 8 boilers. Revolutions 55. steam pressure 75 lbs. Ships draft forward 14 feet, Amidships 15 feet, Aft 16 feet. Enlisted for the cruise of the "Essex", Henry Merault (Lds). By order Commanding Officer, the following changes were made in the ships company, Viz. Richard Jones (W.R.C) disrated to Lds, from this day including. W. H. Johnson (W.O.C.) rated (W.O.Stew.) from the 1<sup>st</sup> ultimo inclusive. Geo. O. Holden (Lds) rated (W.O.C.) from this date inclusive.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant with light breeze from S. and E. Steaming with "Leleigh" in tow. 8 boilers. At 1 bent 13 inch hawser to "Leleigh's" tow line and veered 40 fathoms over stern. At 3 stopped for five minutes to cool hot bearing. At 3 set all fore and aft sail. At 3.15 took departure, Martins Industry Light bore S.W. 1/4 W. distant 8 miles. Course N.E. by E. 1/4 E. Steaming with 8 boilers. Steam pressure 70 lbs. Revolutions last hour 40. At 3.30 made telegraphic signals to "Leleigh", 8413. 1095. 0804. 829. 0416. 5301. 8580. 6839. 5199. 0935. 5244. 0088. 6860. 6217. 32. 9409. 5199. 5301. 27. 6839. 5199. 6891. 1. 6217. 58 & dip. 945. 6691. 4060. 8029. 3827. 9794. 5196. 5301. 8291. 2456. 3820. 5196. 533. 6702. 8435. 3120. 6880. 6691. 3854. 5426.

(Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Clear and pleasant. Light breeze from S. and E. Sea smooth. At 4.30 set topsails. Got cast with the lead 10 fathoms. One steamer and three small sail in sight.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Clear. Cool. Pleasant. Light E.S.E. breeze. At 6.30 mustered crew at quarters. At 6.45 got cast of lead in 10 fathoms water. At 8.50 made Morris Island Light bearing (pc) N 7/8 E. just on the horizon. Several sail in sight at end of watch. Steaming 8 boilers. Average pressure 60 lbs. Revolutions 48.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant with light airs from S. and E. At 9 clewed up and furled topsails. Got soundings every hour, they were 10, 9 1/2, 10 and 9 fathoms, sandy bottom. Sighted Rattlesnake Light Ship at 10. Steaming 8 boilers. Average pressure 60 lbs. Revolutions 49. Steamer passed us going north.

(Signed) Wainwright Kellogg

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	s.		BAROME	ETER.	т	EMPERAT	URE.	State	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		_										-				
1	6	2	ne by e	S	0-1		30.22	74	74	72		b	None	10	s	
2	6	0	1/4 e "	Calm	0		ш	"	u	"		u	44	"	"	
3	6	0	ш	и	и		ш	u	"	"		и	u	"	и	
4	6	0	ш	u	"			u	ш	"		ш	и	"	u	
5	6	2	и	sw by w	1		"	"	u	73	74	u	"	"	"	
6	6	2	ш	и	2		"	"	"	"	"	u	u	"	u	
7	6	2	ш	ш	"		30.23	"	75	"	73	u	u	"	u	
8	6	2	ш	ш	ш		ш	и	76	u	74	и	u	"	ш	
9	6	0	"	u	3		ш	и	"	u	и	bc	Cir Cum	9	и	
10	3	0	"	ш	4		"	73	78	75	u	и	"	"	u	
11	3 6	0 4	ne by e "	ш	5		30.24	75	u	76	u	и	"	"	и	All plain sail
Noon	6	4	u	и	и		30.22	77	"	"	75	и	u	"	и	except royals, jib and T. jib.
Distan	ice ru	n by	Log since p	receding Noo	n							knots		fathoms		
			. at Noon									0		•	44	
			R. at Noon									0			u	
			ervations at				_					0				
				rom Forenoo						41		Ü				
		-	ne time	knot			ns. per l	iour, se	etting to	tne		0		u	"	
				/ Amplitude			innse					0		4	"	
				preceding 24		at								250 c	gallons.	
Water		iiuuu	during the	proceeding 24		the pre	eceding	24 houi	'S					200 8	, "	
		aining	on hand fit	for me at No	_									144	0 "	
				receding 24 I								19	tons	115	lbs.	
Coal r	emair	ning o	on hand at N	Noon								99	"	1215	u	
P,M																
1	2	0	ne by e	SW by	3		30.18	74	80	78	76	b	None	10	S	
2	4 6	4 6	ne 3/4 e "	S SSW	4		30.14	"	"	"	"	"	"	"	"	Topsails, top gallant
3	7	0	ш	"	"		30.13	"	ш	"	"	"	и	"	ш	sails, fore sail and
4	7	0	ш	"	и		"	и	"	"	"	u	и	"	и	fore topmast staysail.
5	6	6	и	u	"		"	"	"	"	"	"	и	"	u	ш
6	6	6	"	"	"		"	80	"	"	"	"	и	"	u	а
7	6	6	и	u	и		ш	u	76	76	74	u	и	"	u	и
8	7	0	u	u	u		ш	u	"	77	u	u	и	"	u	и
9	6 1	0 2	" ne 1/2 e	SW	"		30.14	78	78	76	76	bc	Cum	9	u	а
10	7	2	"	u	"		"	"	u	"	"	"	и	"	"	и
11	7	2	ш	"	"		30.12	u	"	u	u	u	и	"	u	и
Mid.	7	0	и	ш	и		44	u	u	u	u	u	"	u	"	и
-		-		rom Afternoo	n Observ	ations	•					0				
_				Observations						*		0				
			Compass by				ob		at Suns	et		0				
variati	ion of	tne (	Compass by	1				at				Ü			-	

Commences and until 4 A.M. Clear and pleasant. Calm. Bright moonlight. Moon rose at 12. Sea smooth. At 1.30 sighted Cape Romain Light, which bore N.W. 1/4 W. at end of watch. Took in fore and aft sail.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Light S.W. by W. breeze. At 5 made sail to topsails, fore sail, fore topmast staysail. Took in Main try sail. Got cast of lead at 5 in 13 fathoms. At 6 no bottom at 15 fathoms. At 7 no bottom at 15 fathoms. Several sail and a vessel supposed to be the U.S.S. "Ossipee" standing to N. and E. Steam in 8 boilers. Average pressure 60 lbs. Revolutions 50.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant with light breeze from S. and W. At 9.30 changed course to N.E. by E. At 10 mustered at quarters, afterwards called all hands to muster and read Articles of War. Read proceedings and findings of General Court Martial on board the U.S.S. "Hartford". Commanding Officer read prayers. Mustered crew. Got soundings every hour 17, 17 1/2 and 18 fathoms, sandy bottom. At 9.30 crossed top gallant yards and set sails. Average pressure 60 lbs. Temp of bunkers 120°. Revolutions 49. Steaming 8 boilers. By order of Commanding Officer, Henry Merault was rated (W.R.G.) from this date inclusive.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and warm. Moderate breeze from S. At 12.15 exchanged positions with the "Leleigh". At 12.20 altered course to N.E. 3/4 E. At 12 "Leleigh" signaled 5817. "Ossipee" in sight with "Ajax" in tow, off port bow. Hove the lead 17 fathoms.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear. Cool. Pleasant. Light S.S.W. breeze. At 5 got cast of lead in 10 fathoms water, gray sand and shell. End of watch "Ossipee" with "Ajax" in tow bore (pc) N. by E. 1/4 E. distant about 8 miles. Steaming 8 boilers. Average pressure 60 lbs. Revolutions 49.

(Signed) Richard G. Davenport. Lieut.

From 6 to 8 P.M. Clear and pleasant with moderate breeze from S. and W. Soundings at 6.30 and 7.30, 19 and 17 fathoms. Barometer falling. Steaming 8 boilers. Average revolutions 50. Steam pressure 60 lbs. At end of watch "Ossipee" with "Ajax" in tow in sight on port bow distant about 7 miles.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and pleasant. Moderate breeze from S. At 8.45 changed course to N.E. 1/2 E. Got a cast with the lead every hour, 16 fathoms. "Ossipee" and "Ajax" in sight on port bow.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

					WINDS	š.	BAROMETER. TEMPER						State	Forms of		State	
Hour		knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																	
1		7	0 ne	1/2 e	SW	5		30.13	74	76	74	74	b	None	10	S	Topsails, top gallant
2		7	0 "		u	и		ш	u	u	ш	u	u	ш	"	u	sails, fore sail and
3		7	2 "		u	6		30.14	u	u	ш	u	u	и	u	"	fore topmast stay sail.
4		7	2 "		SW by W	и		30.13	"	75	"	"	"	u	"	"	ш
5		7	0 "		u	и		30.12	u	44	u	u	u	и	"	u	и
6		7	0 "		u	5		30.13	75	76	73	"	"	u	"	"	ш
7		6	0 "		"	6		30.14	ш	ш	ш	u	"	ш	u	"	ш
8		5	0 "		u	и		"	76	74	78	75	"	ш	"	"	ű.
9		5 1	2 4 NE		WSW	5		30.13	78	44	79	76	bcp	Cum	9	u	и
10		1 5	4 " 2 ne	1/4 n	u	и		30.12	79	76	76	"	"	u	8	"	ш
11		5	4 "		u	и		30.10	"	"	u	"	"	u	5	"	Plain sail except
Noon		4 1	2 " 2 ne	1/2 n	ш	ш		"	ш	"	ш	u	"	и	u	"	flying jib & spanker
		'	2 116	1/2 11													
Distan	Distance run by Log since preceding Noon knots fathoms.																
Latitud	le by	D. R	. at Noon	ı									0	•		"	
Longit	ude b	y D.	R. at No	on									0	•		"	
				at Noon									0	•		44	
Longitude by Chronometer from Forencon Observations ⊙ ° "  Current during the time knots from par hour setting to the																	
Current during the time knots fms. per hour, setting to the  Veriation of the Compass by Amplitude @ observed at Suprise																	
variation of the Compass by Amplitude 9 observed at Surinse													"				
Variation of the Compass by Azimuth ⊙ observed at  Water expended during the preceding 24 hours  250 gallon													allons				
Water	СХРС	naco	duning t	ne precee	anig 2-1100		the p	receding :	24 hour	s					200 9	"	
	rema	ining	on hand	d fit for me	e at Noon			3							119	0 "	
		-			ing 24 hour	s							19	tons	815	lbs.	
Coal re	emair	ning (	on hand a	at Noon									80	ш	400	"	
P,M	2	0	ne 1/2	? n		_											
1	5	4	ne 1/2		WSW	5		30.09	79	79	79	76	b	None	10	S	All plain sail except
2	6	6	ne 1/2	? n	ш	и		30.06	и	78	u	ш	и	и	u	и	F. jib, spanker and G. tsl.
3	2	0	ne x n	1/2 n	u	6		30.04	ш	ш	"	75	u	u	u	u	
4	3 6	4 6	n 1/2 e N	е	W by S	5		"	78	u	77	74	u	и	"	"	
5	3	2	"		"	3		ш	76	75	72	72	hom	Cir	5	"	
0	3	0	n by w	/		3		20.00			"	"	bcm "	Cum "	·	"	
-	ь	2			sw by w	4		30.03	75	74			u	Cum		ш	
7	6	4	_			3		30.05	73	73	"	"		Nimb "	-		
8	6 3	4 0	n hv w	/ 1/2 w	WSW "	"							bcml		4		
9	4	4		3/4 w		и		"	u	72	"	ш	bcql	u	"	44	Jib, F. and M. trysails
10	7	4	u		ш	2		30.03	74	71	u	и	u	и	0	и	and spanker.
11	2 6	0	nnw 1	/2 w	ш	"		"	u	u	u	69	opl	и	"	"	
Mid.	8	0	и		u	ű		66	u	u	ш	ű	ш	ш	"	44	
l one'	ude !-	w C'-	rone	or from A	fornos C	non eti-	no @						0			и	
-				er from A er Observ	fternoon Ob	servatio	iis o			*			0				
•				s by Ampl				oh.	served :	م at Sunse			0		,	44	
			Compass		nauc			OD	at	ar ourist			0			и	
	01		puoc	,					۵.								

Commences and until 4 A.M. Clear. Cool. Pleasant. Moderate S.W. wind. Got cast of lead as follows viz. At 1 no bottom 20 fathoms, at 2 no bottom 20 fathoms, at 3 no bottom at 22 fathoms, at 4 no bottom at 19 fathoms. Overhauled and passed "Ajax" and "Ossipee". At end of watch latter bore (pc) N.W. by W. 1/2 W. distant about 1/2 mile. Steaming 8 boilers. Average pressure 63 lbs. revolutions 50.7. Temp of bunkers 104°.

(Signed) Richard G. Davenport

From 4 to 8 A.M. Clear and pleasant with moderate breeze from S.W. by W. At 4.30 got soundings at 15 fathoms. At 5.30, 6.30 sounded and got no bottom at 19 fathoms. At 6.50 slowed down and at 7.10 stopped engines in order to haul in five fathoms of hawser. At 7.20 went ahead full speed. Steaming 8 boilers. Average revolutions 50. Steam pressure 70 lbs. "Ossipee" and "Ajax" on starboard beam distant 3/4 miles. M. W. Moore (1.C.B.) stood four hours lookout by order of Commanding Officer.

(Signed) Wainwright Kellogg

From 8 to Merid. Weather hazy. Pleasant. Moderate breeze from S. and W. Changed course at 8.45 to N. E. At 9.15 changed course to N.E. 1/4 N. and at 11.45 altered course to N.E. 1/2 N. Stopped engines for five minutes to secure towline in wake of chafe. "Ossipee" and "Ajax" in sight on port bow distant 1/2 mile. At 9 set royals and jib.

(Signed) James K. Cogswell

Lieut

From Merid. to 4 P.M. Clear. Cool. Pleasant. Misty. Moderate W.S.W. breeze. Got cast of lead as follows, Viz. At 12.20, 25 fathoms. At 1.50 no bottom at 20 fathoms. At 3 bottom at 17 fathoms. At 3.30 bottom at 18 fathoms. At 12.20 exchanged positions with "Leleigh" and "Ossipee". At 1.25 made buoy off Cape Hatteras bearing (pc) N.W. distant about five miles. At 2.40 set main try sail. Changed course as follows Viz. At 12.20 to N.E. 1/2 E. At 1.50 to N.E. 1/2 N. At 2.15 to N.E. by N. 1/2 N. At 2.30 to N. 1/2 E. At 3 to N. At end of watch "Ossipee" with "Ajax" in tow bore (pc) S.E. 1/2 S. Steaming 8 boilers. Average pressure 75 lbs. Revolutions 55. Temp of bunkers 112°. Sighted several sail bound to the N. and S.

(Signed) Richard G. Davenport

From 4 to 6 P.M. Hazy. Pleasant with light breeze from S. and W. At 4.30 changed course to N. by W. Got soundings at 4.30 and 5.30. 18 1/2 and 21 fathoms, sandy bottom. "Ossipee" and "Ajax" in sight on port quarter distant about 7 miles. Steamed with 8 boilers. Average pressure 62 lbs. Revolutions 50. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M. Weather cloudy, hazy, damp. Light breeze from S. and W. At 6.45 took in royal and sent yards on deck. At 7 took in foresail. At 7.45 furled topgallant sails. "Ossipee" in sight on starboard quarter. Lightening to the N. and W. latter part of watch.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Overcast. Cool. Thick. Light W.S.W. breeze. Cum. Nimb. clouds. Passing showers. At 8.20 took in and furled topsails. At 8.30 changed course to N. by W. 1/2 W. At 8.46 changed course to N. by W. 3/4 W. and sent down topgallant yards. At 9.30 set spanker and fore try sail. At 9.40 hauled down head sails to squalls head. At 10.13 changed course to N.N.W. 1/2 W. Slowed down and got cast of lead every hour as follows Viz. 18, 18, 17, 16 fathoms. Steaming 8 boilers. Average pressure 72 lbs. Revolutions 50. Temp of bunkers 125°. At 9.30 lost sight of "Ossipee" and "Ajax" in haze, bearing (pc) S.E. by S.

(Signed)R. G. Davenport, Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Standing in for Hampton Roads Va.

				WINDS	3.		BAROME	TEMPERATURE.			State	Forms of Clouds, by		State		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is under at end of watch.
A, M.																
1	6	4	NNW 1/2	WSW	3		30.03	72	73	70	72	orl	Cum	0	S	
2	7	0	W "	"	u		30.01	u	"	69	u	u	Nimb "	u	ш	Steaming 8 boilers
3	7	0	u	ш	u		29.99	71	71	"	u	ol	u	u	ш	jib, M. T. sail &
4	7	2	u	"	5		30.01	"	70	71	"	bcl	и	3	и	spanker.
5	7		и	W by S	4		30.00	u	"	"	u	bcm	и	5	и	
6	7		NW 1/2 N	W	"		"	72	72	"	"	"	и	"	и	Fore and aft sail
7	Sta	nding	g in for	"	u		и	73	73	"	"	"	и	4	ш	
8			enry Light	"	u		"	ш	70	72	73	u	u	u	ш	
9			u	SW	u		30.03	71	44	71	u	ш	Cum	8	ш	Steaming
10	Sta	ınding	g in for	u	u		29.99	73	73	73	u	u	и	u	и	
11		l Poir		u	u		29.96	75	75	"	"	"	u	"	ш	
No on			"	u	"		29.93	u	78	78	u	u	ш	ш	ш	
Dista	nce r	un by	Log since p	receding No	on							knots		fathoms.		
Latitu	de by	y D. F	R. at Noon									0		•	и	
Long	itude	by D	. R. at Noon									0		•	u	
Latitu	de by	y Obs	servations at	Noon ⊙								0		•	и	
-			hronometer f	rom Forenoc	n Observ	atio	ns ⊙					0		•	и	
Curre time	ent du	ıring 1	the	knots	3		fms. per h	our, se	tting to t	the						
Variation of the Compass by Amplitude ⊙ observed at Sunrise ° " "												и				
Variation of the Compass by Azimuth ⊙ observed at											0		u	и		
Wate	r exp	ende	d during the	preceding 24	hours									250 ga	allons.	
Wate	r (	Cond	lensed		during t	he p	receding	24 hour	s					500	"	
Wate	r rem	ainin	g on hand fit	for me at No	on									1440	"	
Coal	consi	umed	I during the p	receding 24	hours							9	tons	1515	lbs.	
Coal	rema	ining	on hand at N	Noon								70	ш	1125	"	
P, M.																
1				SW	4		29.91	80	84	76		bcm	Cum	9		
2				u	3		29.87	83	87	81		u	ш	u		
3				"	4		29.83	84	"	u		"	ш	и		
4				ш	3		29.79	85	88	80		ш	ш	u		
5				"	2		29.78	81	82	81		ш	ш	7		
6				"	и		**	и	и	"		u	ш	6		
7				"	3		ш	ш	и	u		u	ш	5		
8				SSW "	2								u			
9					3											
10													u			
11 Mi				-	2		_	80	-	-		_	-	4		
d.				S	ш		ш	"	ш	и			sá	и		
Lona	Longitude by Chronometer from Afternoon Observations ⊙ ° " "															
Longitude by Chronometer Observations *												0			"	
-		•	Compass by				ob	served	at Suns	et		0			"	
			Compass by					at				0			"	

Commences and until 4 A.M. Overcast with passing showers of rain first half of watch, latter half overcast and pleasant. Light breeze from S. and W. At 1.30 sighted Currituck Light two points forward port beam. At 3 Currituck Light bore abeam and at 3.45 lost sight of it, last bearing S.W. 1/2 S. Got soundings every hour, 17, 17 1/2, 13 and 14 fathoms, sandy bottom. At 3.20 took in Fore try sail. Steaming with 8 boilers. Average pressure 74 lbs. Revolutions 51.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Cloudy and misty. High dawn. Moderate breeze from W. Changed course at 6 to N.W. 1/2 N. At 5.30 sighted Cape Henry Light bearing N.W. 1/2 W. Land in sight on port beam.

(Signed) James K. Cogswell

From 8 to Merid. Clear. Cool. Pleasant. Misty. Light S.W. breeze. Cum. clouds. Standing in for Old Point. At 10.30 exchanged numbers with Flagship and made telegraphic signals 8332. 9. 6115. 7315. 945. Geo, 3420. Tel, 1339. 7422. 9409. 0059. Flagship answered 5637. At 11.45 "Leleigh" let go towline. Steaming 8 boilers. Temp of bunkers 112°. Steam pressure 70 lbs. Revolutions 50. Distiller in operation.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear warm and pleasant. Light breeze from S. and W. At 3.30 made signal to "Leleigh" 964 and 4697. At 3 exchanged number with U.S.S. "Franklin". At 3.30 went alongside wharf at Navy Yard Norfolk Va, and moored. Distilling. Stopped off Quarantine Station and blew whistle several times, no Health Officer coming onboard continued up the channel.

(Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Clear and pleasant. Light breeze from S.W. Commanding Officer made an official visit to the Commandant of the Navy Yard.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Clear. Warm. Moderate S.S.E. breeze. Cum clouds. At 6 hauled fires in 6 boilers, banked in two. Distilling. Ensign Sam. C. Lemly reported back for duty.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant with fresh breeze from S. and W. Steam in two boilers. Distilling.

(Signed) Wainwrigh Kellogg Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WIND	s.	BARO	METER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Α,				S	3-5	29.78	74	74	72		bc	Cir	4		
M. 1				и	44	и	u	"	"		и	Cum "	5		
2				и	44	и	u	"	u		и	44	6		
				u	"	и	u	44	"		u	"	"		
3				u	"	00.70	7.5	7.5	74		"	u	-		
4					-	29.76	75 "	75	71			и	5		
5					"	u		76	64						
6								77 "	76						
7				ű	"	29.74	и		"		ű	u	"		
8				ű	"		78	86			ű	"	ű		
9				ш	44	и	79	"	77		и	"	u		
10				и	"	29.72	80	88	80		и	ш	u		
11				и	и	29.70	82	89	"		и	44	и		
No on															
Dista	nce ru	ın by L	og since	preceding N	oon					k	nots		fathoms		
Latitu	ude by	D. R.	at Noon								0		4	"	
Long	jitude b	y D. F	R. at Noo	n							0			"	
Latitu	ude by	Obse	rvations a	at Noon ⊙							0		•	44	
Long	jitude b	y Chr	onomete	r from Forence	on Obser	vations ⊙					0			"	
	ent dur	ing th	е	kno	ts	fms. per	hour, se	ettina to	the						
time	ation of	the C	omnaee			ed at Sunrise					0		u	44	
				by Aripillade by Azimuth @			•				0		ш	"	
						ıaı							250 %	allono	
				e preceding 2		41	. 04 5						250 g		
Wate		Conde			_	the preceding	g 24 nou	rs					250		
				fit for me at N									1440		
				preceding 2	4 nours							tons	1075	lbs.	
Coal	remair	ning o	n hand at	t Noon							70		50	-	
P,															
М.				0	•	00.70	00	70	00			Cum			
1				S	2	29.70	80	78	80	b		Nimb	4		
2				"		и	"	"	и		pqrl	es	u		
3				"	44	и	и	44	и	44		es .	u		
4				"	44	и	u	"	44	bo		Cir Cum	u		
5				u	es	и	79	77	76	10	q	Cum Nimb	и		
6				u	44	29.73	78	76	74	"		"	"		
7				"	"	29.74	76	75	73	01		ш	u		
8				u	"	u	75	"	"	u		ш	u		
9				NE	44	29.76	74	73	71	bo		ш	4		
10				SSE	"	29.80	72	71	70	bo		"	5		
11				S	"	<u>29.00</u>	"	69	69			ш	8		
Mi				"	4	и	u	"							
d.						-	•	-	68	bo			9		
Long	iituda h	w Chr	onometo	r from Afterno	oon Obso	vations @					0			"	
-				r Observation		valions ©			*		0			"	
-						_	hoom to -				0			"	
				by Amplitude		C	bserved		E		0				
Varia	ation of	the C	ompass	by			at				,		•		

Commences and until 4 A.M. Cloudy. Cool. Pleasant. Moderate S[outher]ly breeze. Cum. clouds. Moon rose at 1. Obscured moonlight. Banked fires in two boilers. Steam pressure 35 lbs. Temp of bunkers 130°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Pleasant, with light to moderate breeze from South. Fires banked in two boilers. Average steam 35 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear, warm, pleasant. Light breeze from S. At 9 U.S.S. "Tallapoosa" came in and moored at Navy Yard. At 11.30 stopped distilling and hauled fires. Transferred to U.S.S. "Franklin" (in hospital) Thomas Cresley (2.C.F.) and Wallace Vanderbick (1.C.B.)

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Warm, with light to moderate breeze from South. About 1.30 a thunder squall passed over, working to N. and E. Cast off from dock and dropped down about one ships length to make room for "Ajax". Quarterly Board of Survey condemned 4 boxes (2 bbls) bread. Received in Navigator's Department 3 bbls, 150 galls, of oil, 4 log slates and 4, 14 lb hand leads.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast, rainy. Passing squalls from W. Midshipmen T. D. Griffin and W.H. Allen reported for duty. At 5.45 received onboard the following men who were transferred to the "Leleigh" for temporary duty on the 29<sup>th</sup> inst, Viz. Fred Cashman (1.C.F.) Edm Ford (Lds E.F.) Mich. Clay (2c Gr) Fred. Porter (Sea) Herman Meyer (1.C.B.) W. G. Smith (O.S.2.C.) John Hall (1.C.B.) Fred. Wolfinger (O.S.2.C.) F. C. Jones (1.C.B.) John Hashagan (O.S.2.C.) James V. Marion (1.C.B.) P. H. Emmons (O.S.2.C.) G. N. Fisher (1.C.B.) James B. Stanley (1.C.B.) and Benj. T. Cox (S. Stew.). At 6.30 U.S.S. "Ossipee" came up and moored at Navy Yard. At 7 U.S.S. "Ajax" came up and moored ahead of ship. Lieutenant Commander John Schouler left the ship on two days leave.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and cool. Light variable breeze. Lightening to N. and E. Ebb tide.

(Signed) Sam. C. Lemly
Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WIND	S.		BAROME	TER.	т	EMPERAT	URE.	State	Forms of	Clouds		State	
_	s	gi	Courses steered.	Direction.	Force.	Leeway.	Height	Ther. att'd.	Air	Air Wet	Water at	of the Weath	by sym	bols.	o, of Clear in 10ths.	of the Sea.	Record of the sail the vessel
Four	knots	Fathoms.				Pee	in inches.	att d.	Dry Bulb.	Bulb.	surface.	er by symbol s.			Prop. Sky, ii	Sea.	is under at end of watch.
A,M																	
1				Calm	0		29.80	68	66	66		bc	Cir Cur	n	3		
2				u	ш		"	"	"	"		"	Cir Cur		5		
3				u	и		u	"	u	u		u	Nimb "		"		
4				ш	44		44	"	ш	"		"	"		"		
5				ш	"		29.82	67	67	и		u	"		"		
6				и	ш		29.84	"	68	"		"	44		"		
7				ш	44		29.86	"	"	67		"	"		"		
8				и	и		29.90	68	70	69		"	44		"		
9				ш	"		"	u	71	70		u	Cum N	imb	4		
10				WSW	0-1		29.91	69	72	u		"	"		5		
11				u	u		29.92	73	74	74		"	"		1		
Noon				u	44		29.94	u	75	u		u	44		0		
Distan	ce run	by Lo	g since p	receding No	on						k	nots		fathor	ns.		
Latitud	e by D	). R. a	t Noon									0		•			
Longit	ude by	D. R.	at Noon									0		•	4		
			ations at									0		•	4		
Longitude by Chronometer from Forenoon Observations ⊙														•			
Current during the time knots fms. per hour, setting to the  Variation of the Compass by Amplitude ⊙ observed at Sunrise																	
							Sunrise					0			۰		
				y Azimuth ⊙		at											
			-	preceding 24				24 haum	_						gallons		
Water		Receiv		for me at Name	_	tne p	receding 2	24 nour	S						00		
				for me at No									tono		020		
			hand at N	oreceding 24	nours							69	tons "	275 2015			
Odarit	Jiii aii iii	ng on	nana at i	10011								03		2013			
P,M																	
1				WSW	1		29.91	75	76	75	0		Cum Nin	nb	0		
2				ш	"		29.90	u	77	u	66		es .		"		
3				u	44		"	76	78	76	bo	0	es		4		
4				и	и		44	77	44	77	ш		и		2		
5				W	44		29.92	78	79	78	44		Cir Cum		6		
6				WNW	44		29.93	"	"	78	44		ш		8		
7				NNW	0-1		29.94	u	и	77	ш		и		"		
8				Calm	0		"	"	44	78	44		Cir Cum	Str	"		
9				и	ш		29.96	77	78	76	44		ш		9		
10				u	ш		u	76	76	74	b		None		10		
11				и	44		30.00	74	"	"	24		44		"		
Mid.				ш	ш		"	"	74	"	"		ш		ш		
		٠.					_					^					
-				from Afternoo		ations	§ <b>⊙</b>		-			0		,			
-				Observations					* 			0					
				y Amplitude			ob		at Suns	et		0					
variati	on of t	ne Co	mpass by	y				at				J					

Commences and until 4 A.M. Clear and pleasant. Calm. Barometer steady.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Cloudy and warm. Light airs from N. and W. Made preparations for coaling ship. At 7 coal schooner hauled alongside.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Cloudy but pleasant. Light airs from N.S.W. Commenced coaling ship at 8.30. Received from U.S.S. "Leleigh" with their bags and hammock, the following men, Viz. Patrick Dunny (1.C.F.) Thomas Potts (1.C.F.) belonging to the "Manhattan". James F. Lyons (1.C.F.) belonging to the "Saugus". Henry Penenger (2.C.F.) Ed. Benningham (1.C.F.) belonging to the "Mahopac". Robert Kennedy (Mach) belonging to the "Catskill". A. J. Lauham (1.C.F.) John Anderson (Lds, E.F.) E. S. Tierney (Lds. E.F.) T. M. Laylor (Lds E.F.) Patrick J. Sullivan (Mach) Dennis Steele (1.C.F.) Michael Gallaher (Lds E.F.) John F. Spencer (Lds E.F.) and John Calhoun (Lds E.F.) belonging to the "Hartford". Barometer rising.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy and pleasant. Light airs from W.S.W. Coaling ship. Turned into store (Pay Department) 27 boxes coffee 40 lbs each. Midshipmen Richard Henderson and W. G. Hannum reported onboard for duty, having been detached for temporary duty on monitor.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light airs from N. and W. Engaged in coaling ship. Received onboard from U.S.S. "Ajax" the following men with their bags and hammocks, Viz. John Moris (1.C.F.) Ed. Bartley (2.C.F.) belonging to the "Mahopac". Robert Corcoran (2.C.F.) Wm. H. Davidson (2.C.F.) belonging to the "Saugus". John C. Ryan (1.C.F.) John Leary (2.C.F.) belonging to the "Catskill". W. Harken (Mach) John Coleman (Lds) Luke Boody (Lds) J. W. Boyd (Lds) Dennis B (Lds) Timothy Parker (1.C.F.) Thomas Hobson (2.C.F.) belonging to the "Hartford". Henry Simpson (2.C.F.) and C. M. Thompson (Lds C.F.) belonging to this vessel, were returned on board from "Ajax".

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and calm. Ebb tide.

(Signed) James K. Cogswell

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

		WIND	s.	BAROMETER.			EMPERAT	URE.	State	Forms of		State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Skv. in 10ths.		Record of the sail the vessel is under at end of watch.
A,M	_	_									٥.				
				NI)A/	0.4	20.00	74	70	70		ha	Cum	0		
1 2				NW Calm	0-1 0	30.00 30.01	74 "	73 "	73 71		bc "	Cum "	9		
3				"	"	30.01	"	72	70		"	ш	ш		
4				ш	"	30.02 "	"	"	"		"	Cum St	. "		
5				S	и	и	71	44	71		"	Cir Cum			
6				"	"	30.08	"	"	"		"	"			
7				u	ш	"	72	73	72		"	ш	7		
8				ш	"	30.09	73	75	73		"	"	9		
9				ш	и	30.08	76	79	75		"	"	5		
10				u	u	30.06	78	83	78		"	"	1		
11				"	"	и	79	80	u		"	ш	0		
Noon				"	"	30.05	u	81	u		"	ш	4		
Distan	nce run	by Lo	g since p	receding No	on					k	nots		fathoms		
Latitud	de by D	). R. a	t Noon								0		•	ш	
Longit	ude by	D. R.	at Noon								0		•	"	
Latitud	de by C	bserv	ations at	Noon ⊙							0		•	"	
Longit	ude by	Chro	nometer f	rom Forenoo	on Observa	ations ⊙					0		,	u	
Curre	nt durin	g the	time	Kno	ots	fms. per	hour, se	etting to	the						
Variat	ion of t	he Co	mpass by	Amplitude (	observ	ed at Sunrise	•				0		и	u	
Variat	ion of t	he Co	mpass by	Azimuth ⊙	observed a	at					0		"	и	
Water	expen	ded d	uring the	preceding 24	1 hours								340 g	allons.	
Water					during	the preceding	24 hou	rs						"	
Water	remair	ning o	n hand fit	for me at No	oon								258	0 "	
				receding 24	hours						1	tons	435	lbs.	
Coal r	emaini	ng on	hand at N	Noon							154	"	1860	"	
P,M															
						22.22	0.4		0.4			0: 0	•		
1				S "	1	30.02	81	83	81	bo "	С	Cir Cum	6		
2					"		83	86 "	83			"			
3				u	ш	29. 29.	84 85			"		"	5 4		
4 5				Calm	0	29. 29.	86	87 89	84 85	44		"	3		
6				S	1	29. 29.	"	"	87	"		"	2		
7				SW	"	<u> </u>	и	87	85	"		"	0		
8				W	"	30.00	84	83	84	O	n	"	1		
9					2.7							Cum	0		
				NW	3-7	30.05	81	80	78	OI "	rqtl	Nimb	"		
10				WSW	2-4	30.08	80	77	76 "						
11				NNW	1-4	30.09	78 "	78 "	"	01			"		
Mid.				SW	-			-	-	01	Г	-	-		
l an	نام ما ما	Chu-	n a m a ta - f	nom After	on Ohno-	ations O					0		,	"	
_				rom Afternoo		auons ⊙			*		0				
-				Observations Amplitude	i	_	hoor is -				0				
				Amplitude		C	bserved		et		0				
variat	ion of t	ne Co	mpass by	′			at				,			-	

Commences and until 4 A.M. Clear and pleasant. Calm. Ebb tide. Moon rose at 2.40.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Cool. Pleasant. Light S[outher]ly breeze. Cir. Cum. clouds. Ebb tide. At 6 called all hands to muster and found the following men absent without leave Viz, David Dalton (Ships Cook) Benj. T. Cox (Stg. Stew) Wm. G. Smith (O.S.2.C.) James Gillespie (O.S.2.C) W. J. Lindon (O.S.2.C) Ed. Moran (1.C.B.) and J. V. Marion (1.C.B.) Sent a reward of \$20.00 each for their apprehension and delivery aboard this ship. At 6.15 commenced coaling ship from schooner alongside. Received 5 tons 1300 lbs.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Cloudy. Warm. Light S[outher]ly airs. Coaling ship. At 8.05 W. G. Smith (O.S.2.C.) and James Gillespie (O.S.2.C.) were brought aboard, having left the ship without permission, and confined in double irons to await further orders. M. W. Moore (1.C.B.) was confined in double irons for skulking below and insolence to Master at Arms. A Board of Survey composed of the following officers Viz. Lieut. Modman, Boatswain Brown and Carpenters Mather went aboard this ship and surveyed the following articles in Equipment Dept, one 12 inch Manilla hawser, two anchor buoys (53 lbs each) one kedge buoy (28 lbs) two buoy ropes (4 inch) 45 fathoms each, one buoy rope (4 1/2 inch) 16 fathoms. They recommended as follows; that the hawser be kept for further use and the part cut off turned into store, one anchor buoy lost, one anchor buoy and one kedge buoy be turned into store and buoy rope lost. (Signed) James K. Cogswell

Lieut.

From Merid. to 4 P.M. Clear. Warm. Pleasant. Light S[outher]ly airs. Cir. Cum. clouds. Flood tide. Received in Equipment Dept, 7 3/5 tons coal, 150 fathoms 3 1/4 Manilla rope, 150 fathoms 3 in. Hemp rope, 150 lbs Roundline. In Department of Construction and Repair 28 lbs White lead, 2 lbs Copper tacks, 2 lbs Iron tacks, 4 lbs Iron cut nails, 50 lbs Oakum. In Pay Department 10 bbls Pork, 9 boxes coffee, 6 half bbls Beans, 12 half bbls Sugar, 8 boxes Preserved Meat. Finished coaling at 3.15.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Cloudy and warm. Light airs from S. and W. Passing showers. Released W. G. Smith (O.S.2.C.) and James Gillespie (O.S.2.C.) from cell and confined them in fore passage. Received in Pay Department 27 boxes Coffee and 66 bags of bread.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Overcast. Cool. Rainy. Occasional thunder and lightening squalls from S. and W. Nimb. clouds. Flood tide.

(Signed) Richard G. Davenport Lieut

> (Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROM	ETER.	т	EMPERAT	URE.	State	Forms of	<b>.</b> .	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_											a.				
1				Calm	0		30.06	76	76	74		bc	Cum	6		
2				и	"		"	"	"	"		"	Nimb "	"		
3				S	1		30.09	75	75	u		"	ш	3		
4				Calm	0		30.09	74	"	"		0	ш	0		
5				SW	1		30.07	"	74	u		bc	"	1		
6				44	"		"	"	75	"		"	u	"		
7				u	2		30.09	75	76	75		"	"	3		
8				44	ш		30.10	u	u	u		и	"	2		
9				ш	"		30.09	76	78	76		"	"	1		
10				u	ш		ш	78	80	77		"	"	u		
11				SSW	u		30.05	80	83	79		"	ш	u		
Noon				"	ш		30.03	82	85	81		44	"	и		
Distar	nce run	by Lo	g since p	receding Noc	n						k	nots		fathoms		
	de by D		-	•								0			"	
Longi	tude by	D. R.	at Noon									0		4	"	
Latitu	de by C	bserv	ations at	Noon ⊙								0		•	"	
Longi	tude by	Chro	nometer t	from Forenoo	n Observ	ations	⊙					0		•	"	
Curre	nt durin	g the	time	knot	S	fr	ns. per	hour, se	etting to	the						
Variat	ion of t	he Co	mpass by	y Amplitude @	observe	d at Su	unrise					0		и	"	
				y Azimuth ⊙ o		at						0		и	"	
		ded d	uring the	preceding 24										400 g	allons.	
Water					_	the pre	eceding	24 hou	rs							
				t for me at No								_	4	218	5	
				oreceding 24	nours							5 149	tons "	325 1635	lbs.	
Coari	Cilialili	ilg oil	hand at I	NOOH								143		1055		
P,M																
1				SSW	2		30.00	84	86	82	bo	:	Cir Cum	1		
2				ш	"		29.97	85	87	83	"		"	2		
3				и	3		29.95	86	88	84	и		"	3		
4	Stea	ming	down	ш	44		29.91	ш	и	ш	и		" C	5		
5	Eliza	beth	River	SSE	2		29.90	85	84	82	u		Cum Nimb	1		
6				SW	3-5		29.97	83	82	80	bo	pql	es .	0		
7	At A	nchor		ш	2		30.03	76	78	76	or	q	"	ш		
8				S by W	3		29.97	и	76	75	00	7	"	u		
9				S	3-6		29.99	77	77	77	ű			"		
10				SSW "	и		"	76 "	75	75 "	u		"	"		
11							30.00	"	76 "	"						
Mid.					3-7					•				•		
Longi	tude by	Chro	nometer t	from Afternoo	n Observ	ations	•					0		,	"	
-				Observations					;	*		0			"	
_				y Amplitude			ob	served	at Suns	et		0			u	
Variat	ion of t	he Co	mpass by	y				at				0			u	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Cool. Calm. Ebb tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy. Calm. Pleasant. Light airs from S. and W. Cum. Nimb. clouds. Barometer rising slowly.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Cloudy. Warm. Light airs from S. and W. By order of Commander in Chief the following officers reported for passage to Port Royal. P.A. Engineer A. R. McKay, Asst Engineer C. A. Strange and Asst Surgeon C. T. Hibbert. Received Patrick Dalton (2.C.F.) from "Leleigh" for temporary duty and passage to Port Royal. Received in Equipment Department 18 hickory brooms. Received for transportation one dingy complete except sails, spars, and two boat hooks, also the following stores for "New Hampshire", 1 set dingy oars, 12 boxes, 1 Bale oakum, 8 tar buckets, 2 boat davits, 4 oars, for sea weed 1 box. At 8.30 Lieut. Comdr John Schouler returned from leave. At 8.40 started fires in 6 boilers. Steam pressure 10 lbs. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Light S.S.W. breeze. Cir. Cum. clouds. Received on board feet lumber for "New Hampshire". At 12.55 pilot came aboard. At 3 cast off for Navy Yard dock. At 3.05 set spanker and took it in at 3.08. At 3.10 hoisted jib, at 3.15 hauled it down. Draught of water forward 14 feet 3 in, Amidships 15 feet 3 in, Aft 16 feet 2 in. Standing down Elizabeth River in charge of pilot. Steaming six boilers. Average pressure 60 lbs. Revolutions 51. Discharged Wm Durvois (B. Maker) and G. N. Fisher (1.C.B.) from this ship and from the Naval Service, by order of Bureau of Equipment and Recruiting. By order of Commanding Officer, Issac Fassett (Bugler) was disrated to Lds, from this date inclusive. Received in ships company J. B. Vella Lds, he having enlisted for the cruise of the "Essex".

(Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Cloudy, warm. Light breeze from S.S.E. first hour, wind in squalls from S.S.W. during last hour. Steaming out of Hampton Roads in charge of pilot. At 6 heavy thunder squalls passed over, stopped until it cleared up. At end of watch Cape Henry Light bore (pc) S.E. by E. At 4 exchanged numbers with U.S.S. "Hartford". At 4.10 made Int[errogatory]. 4915. "Hartford" answered 904. At 4.15 "Hartford" made 5034, answered.

(Signed) Sam. C. Lemly Ensign.

From 6 to 8 P.M. Overcast. Squally Rainy. Light breeze from S. and W. At 6.40 came to anchor in Lynnhaven Bay in 7 fathoms water, let go starboard anchor and veered to 30 fathoms chain. Banked fires under six boilers. Distilling. Cape Henry Light bore S.E. 1/2 E. distant 2 miles.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast. Cool. Fresh breeze with squalls from S.S.W. Cum Nimb clouds. Slack water at 10. Swung to the ebb at 11. Fires banked in six boilers. Average pressure 50 lbs. Distilling.

(Signed) Richard G. Davenport. Lieut.

(Signed) Asa Walker, Lieut.
Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

					WINDS	š.		BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of Clouds,		State	
Hour		knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by	by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	L																
1					S by W	4-6		29.99	76	76	74		bc	Cir Cum Nimb	4	s	
2					и			29.97	и	ш	"		u	"	"	u	
3					u			29.94	75	75	"		ш	Cir Cum	1	u	
4					u			29.95	ш	и	73		es	ш	ш	u	
5					SW by S			29.97	и	76	74		"	Cir Nimb	2	u	Jib, main try sail
6					S			29.98	ш	ш	**		0	ш	0	u	and spanker
7		8	0	s by e 3/4 e	S.S.W			29.99	74	73	72		bc	ш	1	u	и
8		8	4	ш	u			29.94	и	и	66		ee	Cir Cum	3	"	и
9		8	6	ш	"			29.95	77	69	68	60	ш	u	и	44	66
10		9	0	ш	"			"	70	71	70	65	u	"	8	"	ш
11		9	0		SW by S			29.97	72 "	74	72 "	68	"	u			
Noon		8	6		S by W							64			6		None.
Distan	ice ru	ın bv	Loas	since preced	dina Noon								knots	fai	thoms.		
Latitud			-		9								0	,		"	
Longit	ude l	by D.	R. at	Noon									0			"	
Latitud	de by	Obs	ervati	ons at Noor	n ⊙								0	4		u	
Longit	ude l	by Ch	rono	meter from	Forenoon Ob	servation	ıs ⊙						0	"		"	
Currer	nt dui	ring tl	ne tin	ne	knot	s		fms. per l	hour, se	tting to	the						
Variati	ion o	f the	Comp	oass by Am	plitude ⊙ obs	served at	Sunri	se					0	и		u	
					muth ⊙ obse								0	и			
					eding 24 hou				041						300 gal	lons.	
Water				ensed	ac at Naon	auring	tne p	receding	24 nour	'S					450 2330	"	
				and fit for n	ding 24 hour	2							10	tons		lbs.	
				ind at Noon		,							139	"	880	"	
		Ū															
P,M																	
1	8	0	SI	oy E 3/4 S	S by W	5		29.97	75	79	77	72	bc	Cir Cum	6	S	
2	7	0	"		S	6		ш	77	81	78	74	u	ш	7	"	
3	7	2	"		ш	"		ш	78	ш	"	u	u	ш	и	"	
4	2 5	0	 s 1	/4 w	ш	ш		29.98	ш	и	"	"	u	ш	4	"	
5	6	4	"		S by W	6		u	и	80	77	77	и	ш	7	Н	
6	6	6	"		ш	5		29.99	и	79	78	76	"	Cir Nimb	3	"	
7	7	0	"		ш	и		30.00	ш	80	44	"	om	ш	0	44	
8	7 1	0	u		ш	5-7		30.02	и	и	"	"	"	ш	"	"	
9	1	0		3/4 w	ш	"		u	79	79	"	79	oqr	ш	0	"	
10	4 5	6 4		by w by W	ш	ш		"	ш	и	"	80	u	ш	"	"	
10	1	0	"	Jy VV								00					
11	2	4	SW	w by w	ш	и		и	78	81	77	79	u	ш	2	и	
Mid.	5	2	SV	V 1/4/ W	ш	и		30.05	ш	u	44	"	oqrl	u	4	ш	
Longit	ude l	by Ch	rono	meter from .	Afternoon Ob	servation	ıs ⊙						0	,		u	
		•		meter Obse						:	*		0	4		и	
Variati	ion o	f the	Comp	ass by Am	plitude			ob	served	at Suns	et		0	•		и	
Variati	ion o	f the	Comp	pass by					at				0			и	

Commences and until 4 A.M. Cloudy. Cool. Strong S. by W. breeze. Cir. Cum. Nimb. clouds. Fires banked in six boilers. Average pressure 50 lbs. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Cloudy and cool. Fresh breeze from S. and W. At 5.20 got underway and stood out to sea. At 5.30 pilot left ship. At 6.05 took departure Cape Henry Light bore (pc) W.S.W. distant 2 miles. At 6.25 set jib, main trysail and spanker. Got cast of lead each hour, bottom from 7 to 8 fathoms. By order of Comdg Officer, James Bolger (1.C.F.) G. W. Brown (2.C.F.) John Calhoun (Lds C.F.) James Bancroft (2.C.F.) John Coleman (Lds) and G.W. Boyd (Lds) were confined in double irons, on full rations, for refusing duty. Steaming six boilers. Pressure 60 lbs. Revolutions 48. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Fresh breeze from S. and W, smooth sea. At 9.30 inspected at quarters and mustered crew, immediately afterwards prayer were read. At 9.30 passed Currituck Light. At 11.50 took in fore and aft sail. Several sail in sight bound to N. Got soundings every hour. At 10 got bottom at 10 fathoms. Steaming six boilers. Distilling. Released W. G. Smith (OS2C) and James Gillespie (OS2C) from confinement and placed them prisoners at large. Released M.W. Moore (1.C.B.) from confinement and returned him to duty. (Signed) James K. Cogswell

Lieut.

From Merid. to 4 P.M. Clear. Warm. Pleasant. Hazy. Fresh S. by W. breeze. Slowed down and got cast of lead every hour with following results – 11 faths, 13 faths, 17 fath, 14 fath, no bottom. At 2 sighted Body Island Light bearing abeam. At 3.15 changed course to S. 1/4 W. Paused several sail bound to N. and one beating to S. Steaming six boilers. Average pressure 65 lbs. Rev, 54. Distilling. Clouds banking up to N.W.

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Clear. Clear. Pleasant. Misty. Strong S. by W. breeze. Cir. Cum. Nimb. clouds. At 4.40 got cast of lead in 13 3/4 faths, and at 5.35 got cast in 13 1/2 fathoms. Three sail in sight at end of watch. Barometer rising. Steaming six boilers. Average pressure 50 lbs. Rev, 42.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M. Overcast. Misty. Fresh breeze from S. by W. Got cast of lead every half hour. At 7.35 made Hatteras Light bearing W. by S. Several sail in sight. Steaming six boilers. Pressure 62 lbs. Rev, 51. At end of watch Hatteras Light bore W.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Cloudy and cool. Strong wind from S. by W. sea rough. At 8.10 changed course to S. 3/4 W. At 8.30 changed course to S. by W. At 10.20 changed course to S.S.W. At 10.40 changed course to S.W. by S. At 11 changed course to S.W. 1/4 W. At 12 Cape Hatteras Light bore N.N.W. 1/4 W. Steaming six boilers. Ship pitching considerably. Passed several sail and one steamer bound North.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROME	ETER.	Т	EMPERA	TURE.	State	of E	orms		State	
Hour	knots	Fathoms	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Wate at surfac	the er Weat by	ner Cl	of ouds, by nbols	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																	
1	6	0	SW 1/4 W	S by W	3-6		30.01	77	80	78	79	bcq		um mb	1	R	
2	5	0	и	"	ш		29.98	79	"	u	"	"	"	ш	"	"	
3	5	0	ш	ш	ш		ш	и	"	"	u	и	"		0	"	
4	4	0	и	ш	3-5		ш	u	"	"	"	u	"		"	u	
5	5	0	ш	"	ш		ш	78	"	77	78	"	"		1	u	
6	5	4	ш	ш	ш		30.01	и	"	78	76	и	"		"	u	
7	6	0	ш	ш	и		30.02	и	44	"	и	u	"		3	и	
8	6 1	2 0	SW 1/2 W	ш	ш		30.03	и	44	"	и	и	"		44	ш	
9	3 5	0	SW 1/4 W	u	и		30.04	и	8	"	u	ogm	"		0	u	
10	7	4	и	SSW	4		30.05	u	"	"	"	bcpı	n "		2	u	
11	8	0	44	"	и		ш	и	"	"	u	bc	"		"	u	
Noon	4	6 0	" SW	ш	5		30.06	u	"	"	"	0	"		0	u	
	Ü	Ŭ	011														
Distanc	ce rur	ı by l	og since preced	ing Noon								156 knots		(	) fathom	S.	
Latitud	e by l	D. R.	at Noon									34	02	-	' 1:		
			R. at Noon									76	-	•	' 00		
	-		rvations at Noon									34			U.		
_			ronometer from F				<b></b>		44: 4		N 540 I	70	24	1	' 0	) "W	
Curren		-	e time 1 Compass by Amp	knot			fms. per l	nour, se	etting to	tne i	N 54° I	Ξ.			44	"	
			Compass by Arin			it Suii	1150					c			44	"	
			during the prece												330 g	allons	
Water	олро.	·uou	daming and proces	ag		the p	receding	24 houi	'S						000 9		
	remai	ining	on hand fit for m	e at Noon		,	3								200	) "	
		-	during the preced		rs							13	tons	6	1875	lbs.	
Coal re	emain	ing c	n hand at Noon									125	ш		1245	u	
P,M																	
1	7	6	SW by W	SSW	5		30.07	79	80	78 "	77	om "	Cum	Nimb	0 "	R "	
2	6	4	u u	"	4			"	82		"	"			"		
3 4	6	2	ш	"			30.10	80 79		80 78	"					M "	
5	7 7	6	ш	"	3-4		30.08 30.07	"	81 80	"	76	bcmp	"		1	"	
6	8	0	sw by w 1/4 w	"	3		30.09	u	"	"	77	"	"			"	
7	8	4	"	"	"		30.07	78	79	77	"	bcp	44		"	Н	
8	8	4	и	66	u		30.10	и	"	"	76	bc .	"		2	"	
9	8	2	u	"	u		30.12	u	"	"	"	0	"		0	М	
10	3	6	sw 1/2 w	"	"		30.14	и	"	u	"	bcpl	u		2	44	Jib, main try
11	3	6	sw by w	"	"		30.16	и	78	и	4	or .	u		0	"	sail, spanker
Mid.	4 9	0 4	sw by w 1/4 w	"	"		30.15	u	"	76	"	"	u		"	"	can, spanikei
ivilu.	J	7					50.15			70							
Lonaitı	ıde b	y Ch	ronometer from A	Afternoon O	bservation	ons ⊙						C			4	"	
-			onometer Obser						*	k		c			4	"	
-			Compass by Amp				ob	served	at Suns			(	ı		4	"	
Variation	on of	the C	Compass by					at				(			4	"	

Commences and until 4 A.M. Overcast. Cool. Fresh breeze with squalls from S. and W. Plowed down and got cast of lead every hour as follows, 37 fathoms, no bottom at 30, 47 fathoms. No bottom at 35. At 12.30 lost sight of Hatteras Light bearing North. Passed two steamers bound North. Average pressure 55 lbs. Revolutions 49.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy. Pleasant. Strong breeze with squalls from S. by W. Cum. Nimb. clouds. Got cast of lead every hour. No bottom 30 fathoms. At 7 hoisted jib, immediately hauled it down. Sea rough. Barometer rising. Steaming six boilers. Average pressure 60 lbs. Revolutions 43. Sighted several steamers during watch.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Cloudy. Misty. Fresh breeze from S. and W. Got cast of lead each hour. At 9.20 inspected at quarters. At 8.20 changed course to S.W. by W. 1/4 W. At 11.35 changed course to S.W. Steaming six boilers. Average pressure 68 lbs. Revolutions 53.

(Signed) Sam. C. Lemly Lieut.

From Merid. to 4 P.M. Overcast, cool and misty. Moderate breeze from S.S.W. At 12.13 changed course to S.W. by W. Got cast of lead every hour, in 20 and 21 fathoms. Released the following men from confinement and sent them to duty. James Bolger (1.C.F.) G. W. Brown (2.C.F.) John Calhoun (Lds.C.F.) J. Bandcroft (2.C.F.) J. Coleman (Lds) G. W. Boyd (Lds) Steaming six boilers.

(Signed) J. K. Cogswell Lieut.

From 4 to 6 P.M. Overcast. Cool. Passing showers. Moderate breeze from S. and W. Stopped and got cast of lead every hour, in 20 fathoms. At 5 changed course to S.W. by W. 1/4 W. Passed a sail bound North. Steaming six boilers. Average pressure 60 lbs. Revolutions 50.

(Signed) Richard G. Davenport Lieut.

From 6 to 8 P.M. Cloudy. Cool. Passing showers. Cum. Nimb. clouds. Light S.S.W. breeze. Heavy ground swell. At 6.40 got cast of lead in 19 fathoms. At 7.55 got cast of lead in 19 fathoms. Steaming six boilers. Average pressure 65 lbs. Revolutions 49.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Overcast, cool, with passing showers. Moderate breeze from S.S.W. Got cast of lead every hour, bottoms from 12 to 20 fathoms. At 10.45 set jib, main try sail and spanker. Steaming six boilers. Average pressure 68 lbs. Revolutions 58.

(Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

				WINE	S.		BAROME	ETER.	TI	EMPERAT	URE.	State	Forms of		Stat	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	of the Weath er by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	e of the Sea	Record of the sail the vessel is under at end of watch.
A,M.																
1	10	2	sw by w	s	5		30.14	78	78	76	77	bc	Cum	4	М	Jib, main try sail
2	10	4	1/4 w "	u	"			"	"	"	"	u	Nimb "	9	"	and spanker
3	9	4	и	и	ш		30.12	u	"	ш	ш	и	u	"	S	"
4	9	0	ш	u	u		"	"	"	ш	"	и	u	"	"	ш
5	9	0	ш	u	3-5		30.13	"	80	78	"	u	Cir Cum	5	"	и
6	9	4	ш	ш	u		u	"	"	и	"	и	Cir Cum	3	"	44
7	9	6	и	S by W	u		30.15	"	"	79	78	и	Nimb Cum	1	"	ш
			"	"	и		30.13 "	"	и		"		Nimb "	"	"	
8	10	2	ш							78		bcp				
9	8 2	0	sw by w 3/4 w	SSW	"		30.17	u	и	ш	79	ш	и	и	ш	
10	9	6	ш	u	и		и	"	u	и	и	и	и	"	"	
11	10	0	и	NNW "	3		и	"	"	"	80	bc	u		ш	
Noon	12	0								79		0		•		
Distant	ce run h	ov Loo	since preced	lina Noon							2	12 knots	6 fa	thoms.		
Latitud											-	32 °	19 '	00	"N	
			at Noon									79 °	57 '	00	"W	
•			ations at Noon	ı ⊙								32 °	15 '	46	"N	
Longitu	ide by (	Chron	ometer from F	orenoon O	bservatio	ons ⊙						79 °	49 '	00	"W	
Curren	t during	the ti	ime	knot	s		fms. per h	nour, se	tting to t	the						
Variation	on of th	e Con	npass by Amp	olitude ⊙ ob	served a	t Sun	rise					0	u		"	
Variation	on of th	e Con	npass by Azin	nuth ⊙ obs	erved at							0	"		и	
Water	expend	ed du	ring the prece	eding 24 ho	urs								;	350 gal	ons.	
Water		Cond	lensed		during	the p	receding	24 hour	s					50	"	
Water	remaini	ng on	hand fit for m	ne at Noon										1700	"	
			ing the preced	ding 24 hou	rs							10			lbs.	
Coal re	emainin	g on h	nand at Noon									114	" 18	350	u	
P,M																
1			w by w 3/4 w V by S	NNW	3		30.16	78	80	78	79	or	Cum Nimb	0		
2		6 "	. 2, 0	ш	3-5		30.17	"	"	u	"	org	u	"		
3	9 (	0 "		NW	3		30.15	"	76	75	"	or	u	"		
4		6 " 2 n	by w 1/2 b	ш	ш		30.16	76	"	"	u	ш	ш	"		
5			f pilot.	и	ш		30.18	75	77	76		44	"	"		
6				ш	u		30.20	76	"	u		ш	u	"		
7	At an	chor		NE	ш		"	"	"	"		ш	Nimb	"		
8		rt Roy		ш	u		и	"	"	u		ш	u	"		
9		S.	.C.	ш	"		ш	"	"	75		ш	ш	"		
10				ш	ш		30.21	"	76	"		ш	и	"		
11				и	и		ш	"	ш	"		es	"	u		
Mid.				ш	ш		30.22	"	74	"		и	ш	44		
Longiti	ıde hv (	Chron	ometer from A	Afternoon O	lhservativ	nns 🙉						0			u	
-			ometer Obser		noci vali(	nio •			*	<b>k</b>		0			"	
_			npass by Amp				οh	served :	۰ at Sunse			0			ш	
			npass by Amp				OD	at				0			ш	
		. 5011	,,					۵.								

Commences and until 4 A.M. Clear and pleasant. Fresh breeze from South. Sea smooth. Got soundings every hour, 18 and 20 fathoms. Steaming six boilers.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Overcast. Cool. Passing showers during last hour. Moderate breeze from S. and W. Stopped engines and got cast of lead first three hours of watch in 18, 17 and 17 fathoms water. Steaming six boilers. Average pressure 65 lbs. Revolutions 57.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Cloudy. Light breeze from S.S.W. shifting to N.N.W. at end of watch. Cum. Nimb. clouds. Passing showers. At 8.25 took in fore and aft sail. At 8.45 changed course to S.W. by W. 3/4 W. At 10 got cast of lead in 13 1/2 fathoms. At 11 set jib, main try sail and spanker. At 11.45 took in fore and aft sail. At 11.55 got cast of lead in 16 fathoms. By order of Commanding Officer, Geo. H. Pinder was placed in solitary confinement, on bread and water, for neglect of duty. Steaming six boilers. Average pressure 68 lbs. Revolutions 58.

(Signed) Wainwright Kellogg

From Merid. to 4 P.M. Overcast, with rain squalls from N. and W. At 12.15 changed course to S. by W. At 12.30 set jib, main try sail and spanker. At 1.10 set main topsail. At 1.45 called all hands, shortened and furled sail. At 2.30 took in fore and aft sail. At 3.45 sighted Martins Industry Light bearing (pc) N. by W. changed course to N. by W. 1/2 W. Steaming six boilers.

(Signed) Sam. C. Lemly Ensign.

From 4 to 6 P.M. Overcast. Rainy. Light N.W. breeze. At 4.15 pilot came aboard. Standing into Port Royal Harbor. Steaming six boilers.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Overcast. Rainy. Light N.E. breeze. At 6.06 came to anchor at Naval anchorage Port Royal S.C. in five fathoms water, veering to 30 fathoms starboard chain. At 7.20 banked fires in four boilers and hauled in two. Started distiller. Riding to flood. Draught of water forward 13 feet 11 in, Amidships 15 feet, Aft 16 feet.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast. Rainy. Nimb. clouds. Light N.E. breeze. Swung to ebb at 9.30. Banked fires in four boilers. Average pressure 35 lbs. Distilling.

(Signed) Wainwright Kellogg Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Port Royal S.C.

				WIND	S.		BAROME	ETER.	TE	EMPERATI	JRE.	State	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	p. of Clear y, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	호	Fat					mones.		Duio.	Duit.	oundoc.	S.		Prop. Sky, i		
A, M.																
1				ENE	3-5		30.22	76	75	75		oqr	Cum Nimb	0		
2				u	"		30.21	"	"	74		u	и	u		
3				u	ш		30.20	"	u	"		"	ш	u		
4				u	"		44	"	"	"		44	ш	"		
5				u	3		30.22	u	78 "	76		or	ш	"		
6					2		и	u	"			u	"	u		
7 8				E "			u	"		77 "		"	ш	u		
9				NE	3		30.21	77	76	76		"	ш	"		
10				"	"		"	"	77	"		44	ш	"		
11				u	"		"	u	u	78		ш	u	"		
No on				u	"		44	"	80	"		44	ш	"		
OII																
Dista	ince ru	un by	Log since	preceding No	oon							knots	f	athoms.		
Latitu	ude by	D. R.	at Noon									0	•		"	
			R. at Noor									0	•		"	
			ervations a									0			"	
	jitude l ent du			from Forence									•			
time		-		kno			fms. per h	nour, se	tting to t	the						
				y Amplitude			t Sunrise					0	и		"	
				oy Azimuth @		d at						0	и		"	
				e preceding 2		***	dina	04 haum	_					300 ga		
Wate		Conde		it for me at N		trie p	receding :	24 NOUI	S					300 1900	'	
		-		preceding 2								2	tons	195	lbs.	
			on hand at		Tiouro							112		1655	"	
		3														
P, M.																
1				SE	4		30.21	78	80	78	c	р	Cum Nim	b 0		
2				u	и		30.20	u	ш	u	"		ш	"		
3				u	и		20.19	79	81	79	"		ш	"		
4				u	3-5		30.17	80	ш	u	C	)	ш	"		
5				ESE	3		"	"	44	и	44		ш	"		
6					"		30.18	79		78 "	44					
7				"			30.19	"	80 "	"	C "	or	"			
8					4		30.20	78 "		"			u	_		
9 10				Calm	1 0		30.22	"	79	77		ocr	ш	2		
11				E	2		3U.ZZ "	"	"	"		ICI IC	ш	"		
Mi				"			u	и	и	и	"	-	ш	1		
d.														1		
Long	iitude I	by Ch	ronometer	from Afterno	on Ohse	rvatio	ns ⊙					0			"	
-				Observation					*	k		0			u	
-				y Amplitude			ob	served	at Sunse			0			u	
			Compass b					at				0			"	

Commences and until 4 A.M. Overcast until 4 A.M. Overcast. Rainy. Fresh breeze from N. and E. Riding to ebb. Slack water at 3.15. By order of Commanding Officer, Walter Thomas (Lds) stood four hours extra duty. Banked fires under four boilers. Steam pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast. Raining. Light breeze from N. and E. Swung to flood at 4.15. At 6.40 Health Officer came aboard. At 7 pilot left ship. Fires banked in four boilers.

(Signed) Sam. C. Lemly, Ensign.

From 8 to Merid. Overcast. Rainy. Light breeze from N. and E. Cum. Nimb. clouds. Turned over stores to "New Hampshire" and dingy to "Pawnee". At 9 Commanding Officer paid official visit to "New Hampshire". Swung to ebb at 10.30. By order of Commanding Officer, Char. Zeller (O.S.2.C.) and Wm E. Haggenbotham (O.S.2.C.) were rated O.S. from May 1<sup>st</sup> inclusive. Also Char. I. Owen (1.C.B.) to (O.S.2.C.) from June 1<sup>st</sup> inclusive. Ensign S. C. Lemly, Midshipmen W. H. Allen and W. G. Hannum, also Asst. Engineer G. R. Ransom were detached from this ship and ordered to temporary duty aboard the "Saugus". Asst. Surgeon's Tanner and C. T. Hibbert, also Asst. C. A. Strange, passengers, left the ship for their respective vessels. Banked fires in four boilers. Average pressure 30 lbs. Distilling. By order of Commanding Officer, G. H. Pinder (Lds) was released from confinement and returned to duty.

(Signed) Wainwright Kellogg, Lieut.

From Merid. to 4 P.M. Overcast. Cool. Passing showers. Moderate breeze from S. E. Cum. Nimb. clouds. Riding to flood. Slack water at 3.30. Received the following draft of men from the "New Hampshire" Viz. To "Catskill" two (Mach) three 1.C.F. two (2.C.F.) and six Lds, C. F. To "Saugus" one Mach, two 1.C.F. four 2.C.G. By order of Senior Officer Present, George B. Sweeny (Sea), condemned by Medical survey, was transferred to this ship for passage to Naval Hospital Portsmouth Va. Banked fires under four boilers. Steam pressure 40 lbs. Distilling. (Signed) Richard G. Davenport, Lieut.

From 4 to 8 P.M. Weather overcast, with occasional showers of rain. Wind light from E.S.E The following draft of men were sent Viz. To "Mahopac" two Mach, three 1.C.T. 5 2.C.F 5 Lds, C.F. To "Manhattan" one Mach, 5 1.C.F. one 2.C.F. 5 Lds, C.F. Banked fires in four boilers.

(Signed) Wainwright Kellogg, Lieut.

From 8 to Midnight. Cloudy and pleasant. Light breeze from East. At 11.30 swung to ebb tide. Banked fires in four boilers. Distilling.

(Signed) James K. Cogswell, Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Port Royal S.C.

				WIND	is.	BARON	IETER.	Т	EMPERAT	URE.	Ctata	Forms of		Ctoto	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				E	2	30.22	79	78	77		bc	Cum	1		
				"	"		"	"	"		"	Nimb "	"		
2				"	u	30.21	u	u	u		и	u	"		
3 4				и	"	и	u	"	"		ш	u	"		
5				u	1	и	78	ш	76		ш	u	2		
6				u	4	u	77	44	"		и	u	3		
7				u	3	30.22	"	"	77		"	u	0		
8				u	"	"	"	78	"		и	ш	1		
9				"	u	u	"	82	78		"	u	"		
10				"	4	u	"	"	"		"	и	5		
11				"	u	u	"	"	"		"	и	4		
Noon				u	"	u	78	44	u		и	u	"		
Distar	nce rui	n by Lo	og since p	receding No	on					k	nots	f	athoms		
Latitu	de by	D. R. a	at Noon								0			u	
Longi	tude b	y D. R	. at Noon								0			44	
Latitu	de by	Obser	vations at	Noon ⊙							0	•		"	
Longi	tude b	y Chro	onometer f	rom Foreno	on Observa	ations ⊙					0			"	
Curre	nt duri	ing the	time	Kno	ots	fms. per	hour, se	etting to	the						
Variat	tion of	the Co	ompass by	Amplitude (	observe	d at Sunrise					0	ш		"	
Variat	tion of	the Co	ompass by	Azimuth ⊙	observed	at					0	"		"	
Water	r expe	nded o	during the	preceding 24	4 hours								400 g	allons.	
Water	r				during	the preceding	24 hou	rs					900	"	
Water	r rema	ining o	on hand fit	for me at No	oon								2400	"	
Coal	consur	med di	uring the p	receding 24	hours						2		2195	lbs.	
Coal	remain	ning or	hand at N	loon							139	ш	1925	и	
5.4															
P,M															
1				SE	3	30.22	80	82	78	bo	;	Cum Nim			
2				ш	u	30.20	u	и	u	и		u	4		
3					"		u	u	"			"	3		
4					u			"	"						
5				ESE	u		u								
6				ENE "	"	30.19		81	78			u			
7				Calm	и	20.10	"	4	79 "			u	0		
8 9				Calm "	0	30.18	u	"	78	и		Cir Cum	5		
				и	"	20.17	u	90	"	44		"	5		
10 11				ш	u	30.17	"	80 "	"	u		"	"		
Mid.				u	u	u	u	u	u	и		ш	u		
ivilu.															
Longi	tude h	v Chro	nometer f	rom Afterno	on Observ	ations ①					0	,		"	
_				Observations		20110		3	*		0			"	
_				Amplitude	•	ol	served	at Suns			0			"	
			ompass by			O.	at	at Ourio			0	,		"	
· unat			paoo b)				ut								

Commences and until 4 A.M. Overcast. Cool. Pleasant. Light E[aster]ly breeze. Cum. Nimb. clouds. Riding to ebb. Banked fires in four boilers. Steam pressure 25 lbs. Distilling. By order of Commanding Officer, Walter Thomas (Lds) stood four hours extra duty.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy. Pleasant. Light E[aster]ly airs. Cum. Nimb. clouds. Slack water at 4.30, swung to flood at 5. Received in Pay Department 168 lbs fresh beef and 168 lbs vegetables. Banked fires in four boilers. Steam pressure 40 lbs. Distilling.

(Signed) Asa Walker Lieut.

From 8 to Merid. Clear and pleasant with moderate breeze from E. At 8.30 spread fires. At 9.30 engines reported ready. At 9.50 hove up starboard anchor and went alongside "Pawnee". Commenced coaling ship. Received on board during watch 2 tons 798 lbs. Banked fires in four boilers at end of watch. Midshipmen T. D. Griffin and Richard Henderson were detached and ordered to U.S.S. "Manhattan".

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Cloudy and warm. Light breeze from S. E. Coaling ship. Transferred the following men, with description lists to the "Saugus" for temporary duty Viz. Charles Wilson (Sea) Fred Porter (Sea) Charles Zeller (O.S.) James Bryson (O.S.) Francis Shields (O.S.2.C.) Lewis Potts (O.S.2.C.) P. H. Emmons (O.S.2.C.) Harry Hill (O.S.2.C) Richard Jones (Lds) Michael Hayes (1.C.F.) W. D. Saddler (2.C.F.) G. R. Wilson (Mach) Francis Giles (Lds C.F.) Riding to ebb tide. Received 18 tons of coal.

(Signed)James K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Cool. Pleasant. Light E[aster]ly breeze. Cum. Nimb. clouds. Slack water at 4.15, swung to flood at 5. at 6.05 "New Hampshire" made to this ship signal No. 3093. At 6.20, having 30 224/2240 tons of coal from "Pawnee", spread fires, called all hands up anchor, hauled off and came to with starboard anchor in five fathoms water veering to 25 fathoms chain. Banked fires in four boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Calm. Swung to ebb at 11.30. Banked fires in four boilers.

(Signed) Wainwright Kellogg Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Port Royal S.C.

				WINDS	š.		BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
		ui.	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	of the Weath	Clouds, by symbols.	o. of Clear , in 10ths.	of the	Record of the sail the vessel is
Hour	knots	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	er by symbol		Prop. of Sky, in	Sea.	under at end of watch.
A,M	¥	ŭ.										s.		E 07		
1				Calm	0		30.19	78	78	76		bc	Cum	8		
				"	"			"	"	"		ű.	Nimb "			
2				u			30.20	"	u	"			a	7		
3							"	"	"	"		ш	u	"		
4				Easterly	0-1		u	"	"							
5				SSE "	1		u	"	79	77 "		oc "	Cir Str	4		
6 7				и	u		u	79		78		bc	ш	1		
8				ш	"		"	80	81	76 79		"	44	"		
				u	•		ш	"	"	"		ш	Cir	•		
9					2								Cum	2		
10				u	3		30.21	и	82	"		и	es	3		
11				"	44		66	81	и	81		es	es	4		
Noon				SE by S	и		66	и	и	ш		44	es	5		
Distan	ce rur	ı by L	og since p	receding Noc	n							knots		fathoms.		
			at Noon	ŭ								0			"	
			R. at Noon									0			u	
			vations at	Noon ⊙								0			u	
Longitu	ude by	y Chr	onometer f	rom Forenoo	n Observ	ations	: ⊙					0			u	
Curren	t durii	ng the	e time	knot	s	1	fms. per h	nour, se	tting to	the						
Variati	on of	the C	ompass by	/ Amplitude @	observe	d at S	Sunrise					0		и	"	
Variati	on of	the C	ompass by	/ Azimuth ⊙ d	bserved	at						0		и	"	
Water	exper	nded (	during the	preceding 24	hours									250 ga	allons.	
Water					during	the p	receding	24 hour	s					600	"	
Water	remai	ning	on hand fit	for me at No	on									2750	"	
Coal c	onsun	ned d	uring the p	receding 24	nours							5	tons	1575	lbs.	
Coal re	emain	ing o	n hand at N	Noon								134	u	350	ш	
P,M																
1				SE by S	2		30.20	80	82	83		bc	Cir Cum	6		
2				"	u		30.18	"	"	"		u	ш	"		
3				u	ш		"	"	u	"		и	ш	u		
4				u	ш		30.15	"	u	"		и	ш	u		
5				SSE	ш		u	81	"	79		ıı	Cum	7		
6				u	"		"	"	"	"		и	и	8		
7				u	ш		и	"	"	и		и	44	7		
8				u	ш		и	"	"	и		и	44	"		
9				u	и		30.16	и	82	78		и	Cir Cum	8		
10				u	и		30.17	"	81	"		и	ш	u		
11				u	"		30.18	80	u	"		u .	es	9		
Mid.				"	"		"	"	"	"			es	"		
Longitu	ude by	y Chr	onometer f	rom Afternoo	n Observ	ations	9 ⊙					0		•	"	
Longitu	ıde by	y Chr	onometer (	Observations					*	k		0		4	44	
Variati	on of	the C	ompass by	/ Amplitude			ob	served	at Suns	et		0		4	44	
Variati	on of	the C	ompass by	/				at				0		•	ш	

Commences and until 4 A.M. Clear and calm. Light airs from E. latter part of watch. Riding to the ebb.

(Signed) James K. Cogswell. Lieut.

From 4 to 8 A.M. At 5.15 slack water. At 5.45 swung to flood. Received on board fresh provisions for crew. By order of Commanding Officer, David Dalton (Sh Cook) was disrated there from to O.S. from the 9<sup>th</sup> inst, inclusive and Philip Kincade was rated from Lds, to Ships Cook from the 10<sup>th</sup> inst, inclusive. Pleasant though cloudy, with light breeze from S. and E. Banked fires under four boilers. Distilling.

(Signed) Asa Walker Lieut.

From 8 to Merid. Cloudy. Cool. Pleasant. Light S.S.E. breeze. Cir. Cum. clouds. Riding to flood. At 10 made Int. 5455, "New Hampshire" ans[wered]. 904. At 10.20 called all hands loose sail. Working party returned from "Saugus". At 12 slack water.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant with moderate breeze from S. and E. At 1 sent working party to "Saugus". At 1.30 made Int. 4826, "New Hampshire" ans. 904. Furled sail. At 12.30 swung to ebb. At 2.30 made telegraphic signal 0970. 0094. 7123. 0935. 4523. 7672. 9409. 8105. 945. 8314. 9422. 6570. 4210. 0935. 4904. 2599. 5468. 5975. 945. 8988. 7221. 6179. 6381. 4904. 8425. 6335. 5179. 7031. 0970. 6307. 9319. 3821. "New Hampshire" made telegraphic signal 6868. 6180. 265. 9409. 2712. 7694. 0882. 8425.6335. 7031. 756.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from S. Transferred to the "Saugus" for temporary use, the following articles 1 chronometer, 1 octant, 1 Nautical Almanac belonging to Navigator's Dept, and 2 20 gall. Beakers from Equipment Dept. Swung to the flood at 6. Placed W.W. Sheldon (OS2C) in solitary confinement, on bread and water, for forty-eight hours, for profanity and insolence to an officer.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Bright starlight. Moderate S.S.E. breeze. Cir. Cum. clouds. Riding to flood. At 11 lighted fires under two more boilers. Banked fires in four boilers. Steam pressure 30 lbs.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

				WINDS	i.	BARON	METER.	TE	EMPERATI	JRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea	Record of the sail the vessel is
A,M	×	Œ.								•			ш. 00		
				CE hu E	2	20.40	75	00	70		ha	Cir Cum			
1 2				SE by E	3 4	30.18	75 "	80 "	78 "		bc "	Cir Cum	8		
3				ш	"	u	и	u	u		u	"	"		
4				u	u	и	ш	ш	"		u	u	7		
5				SSE	2	30.17	76	"	u		ш	Cum Str	6		
6				S	"	u	78	"	"		u	u	"		
7				ш	"	30.18	80	81	79		ш	ш	7		
8				u	3	u	81	82	80		u	"	8		
9				SSE	"	30.16	83	84	u		u	Cum	и		
10				u	"	и	80	и	u		ш	44	"		
11				ш	"	u	83	"	"		ш	ш	"		Plain sail to
Noon	1	0	NE by E	u	"	u	"	"	"		u	u	"		T. G. sails.
Distan	ce ru	n by	Log since pre	ceding Noon							knots	1	athoms.		
Latitud	de by	D. R.	. at Noon								0	4		44	
_			R. at Noon								0	•		"	
			ervations at N								0	•		"	
			ronometer fro								0	,		"	
		-	ne time	knot		fms. per	hour, se	etting to	the		0				
			Compass by A								0				
			Compass by A								Ü		050		
		naea	during the pr	eceding 24 n		u	04 5						250 ga	lions.	
Water			on bond fit fo	u ma at Naau	_	the preceding	24 nou	rs					2500		
		-	on hand fit for during the pre								12	tons	2500 195	lbs.	
			on hand at No		Juis						122	"	155	"	
Oddin	ciriai	g	on nana at 140	011							122		100		
P,M															
1	4	0	NE by E	SSE	3	30.17	83	84	80	80	bc	Cir	g	S	T. sails, T.G. sails,
2		6	NE	u	"	u	82	"	"	"	44	"	"	"	M. T. sail, jib,
3	1	6	NE by E	u	4	30.16	и	и	79	"	ш	44	"	u	Fore T. M. staysail,
4	5	2	ш	u	"	u	ш	"	"	"	ш	ш	"	"	Spanker & Foresail
5	6	4	ш	SE	5	30.14	80	81	78	81	ш	u	"	и	и
6	6	2	ш	u	44	30.13	79	ш	"	"	ш	44	8	3 "	ш
7	6	0	ш	S	3	u	80	"	"	80	ш	Cum	"	"	и
8	6	0	u	u	4	30.12	44	80	ш	44	u	ш	"	и	Same except F. sail.
9	6	0	ш	SSE	ш	30.11	и	79	u	"	ш	u	g	"	as
10	6	2	и	и	ш	30.12	ш	ш	"	"	ш	u	8	3 "	и
11	6	2	es	u	3	ű	и	и	u	"	es	Cir Cum	7	. "	и
Mid.	6	4	ш	S	4	ш	u	и	и	"	ш	u	"	и	и
											0				
			ronometer fro		Observati	ons ⊙					0	,			
_			ronometer Ob						*		0				
			Compass by A	Amplitude		0		at Suns	et		0				
variati	on of	tne (	Compass by				at				-			=	

Commences and until 4 A.M. Clear and pleasant with light breeze from S. At 1 swung to ebb. Banked fires in six boilers.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. At 5.55 slack water. At 6.25 swung to flood. Clear and pleasant. At 7.30 got underway, dropped in ahead of "Saugus" and let go starboard anchor under foot. Took tow line from "Saugus". Draft forward 14 feet, Amidships 15, Aft 16 ft. Steam in six boilers.

(Signed) Asa Walker, Lieut.

From 8 to Merid. Clear. Warm. Light S[outher]ly breeze. At 8.05 got underway with "Saugus" in tow, and stood out to harbor under direction of pilot. At 9.45 signaled to "Saugus" Telegraphic code, 3503. 6746. 2200. 8737. 5301. 3108. 9409. 6398. 6886. 0570. 5301. 0088. 3583. 1267. 2326. 7379. 6004. 3748. 8097. At 11 "Saugus" made (telegraphic code) 0935. 8810. 4204. N5. 6886. N10. 6448. 9409. 4092. 3723. 8742. 6155. 8498. At 11.30 pilot left the ship. At 11.30 took departure, Martins Industry Light Ship bore S.S.W. distant 2 1/2 miles. At 11.40 signaled to Saugus" 3166, general code, and 32, telegraphic code. At 11.40 sent up top gallant yards and made sail to top gallants sails. Steaming under six boilers.

(Signed) James K. Cogswell, Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Moderate S.S.E. breeze. Cir. Cum. clouds. At 12.45 feed pipe burst, hauled fires under all boilers. Stopped engines. At 2.40 started ahead with six boilers. Repairing feed pipe. Passed several sail and a steamer bound to S. Average pressure 50 lbs. Average revolutions 47. At 3.35 set F. T. Mst. S. Sail.

(Signed) Richard G. Davenport, Lieut.

From 4 to 6 P.M. Clear and pleasant with moderate breeze from S. and E. One steamer and several sail in sight. Barometer falling slowly. Steaming six boilers. Average revolutions 49. Steam pressure 65 lbs.

(Signed) Wainwright Kellogg, Lieut.

From 6 to 8 P.M. Clear and pleasant. Light S[outher]ly breeze. Sea smooth. Light swell setting to the N. Morris Island Light bore N.W. by N. at end of watch. Hove the lead at 8. 9 fathoms. At 7 took in and furled foresail.

(Signed) James K. Cogswell, Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Moderate S[outher]ly breeze. Cir. Cum. clouds. Moon light until 11 when she set. Got cast of lead each hour of watch with following results 11 fathoms. At 10.35 lost sight of Morris Island Light bearing (pc) W. 3/4 S. and Rattle Snake Shoals bearing (pc) W. 1/2 N. At 11 made Cape Romain bearing (pc) N. by E. 1/4 E. At 11.30 set spanker and fore try sail. Steaming six boilers. Steam pressure 60 lbs. Revolutions 49.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

				WINDS.			BAROME	TER.	TE	MPERATU	JRE.	5	State of	Forms of	f		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	٧	the /eather by /mbols	Clouds, b symbols	y	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	-																
1	6	4	NE by E	s	4		30.15	78	80	77	80	h	С	Cir Cun	n	7	s	
2	6	2	"	"	"		30.14	"	79	"	"	"	C	"	"	6	"	
3	6	4	и	SW	u		30.12	ш	"	ш	"	"		u		5	u	
4	6	4	ш	u	3		и	u	44	u	"	"		u		"	"	
5	5	6	и	SW by W	2		30.14	81	80	80	"	"		Cum St	tr	"	"	
6	5	0	ш	u	"		30.15	u	ш	44	ш	"		u		4	u	Topsails. T.G. sails,
7	5	4	ш	u	"		u	"	"	"	"	"		u		5	"	F. T. Mast stay sail.
8	5	2	ш	ш	u		30.14	82	44	u	44	"		u		"	u	
9	5	2	u	ш	"		u	83	"	"	"	"		Cir Cun		4	"	All plain sail
10	5	6	u	N	3		и	u	"	81 "	"	"		и		0	и	except royals, jib,
11	6	2	и	u	4		30.13	u	"	"	"	"		u		1	"	spanker T. M. sail.
Noon					-							-		-				
Distan	ce ru	n bv	Loa since pre	eceding Noon							1	32 k	nots		2 fath	noms.		
			at Noon	<b>3</b>								33	0	16		00	"N	
			R. at Noon									77	0	19		00	"W	
Latitud	de by	Obse	ervations at N	loon ⊙								33	0	23	ı	14	"N	
Longit	ude b	y Ch	ronometer fro	om Forenoon O	bservati	ons @	)					78	0	08		00	"W	
Curre	nt dur	ing th	ne time	knots		fi	ms. per h	nour, se	tting to t	he								
Variat	on of	the (	Compass by A	Amplitude ⊙ ob	served a	at Sur	nrise						0		ш		"	
Variat	on of	the (	Compass by A	Azimuth ⊙ obse	erved at								0		"		"	
Water	expe	ended	during the pr	receding 24 hou	ırs										25	50 gallo	ons.	
Water					during t	he pr	eceding	24 hour	S								u	
				or me at Noon												2250	и	
				eceding 24 hou	rs								16	tons "	103		os.	
Coarr	emaii	ning c	on hand at No	JOH									105		136	U		
P,M																		
1	5	6	NE by E	SW by W	4		30.13	80	83	81	79	bc		Cir Cun	n	5	S	Same
2	6	2	u	и	u		30.08	"	"	u	"	"		u		6	"	и
3	5	4	ш	и	"		30.07	"	"	"	"	"		u		3	"	и
4	5	2	u	u	u		30.06	u	44	и	44	"		u		"	"	и
5	5	6	ш	SW	3		30.05	44	82	80	79	"		Cum St	tr	2	"	46
6	5	4	и	и	u		и	и	u	и	44	"		u		"	"	Topsails, T. G. sails.
7	6	-			4				81			"		Cum Ni	imb	"	"	F. T. Mast, staysail.
8	6	4					30.04									1		
9	4	-		u			30.10			78		0				0	M "	
10	6	- 4	u	и	"		30.12	"	"		"	"		u		"	"	и
11 Mid.	6 6	4	u	и	"		ш	ш	"	"	"	"		u		"	"	и
ivilu.	J	-																
Lonait	ude b	y Ch	ronometer fro	om Afternoon O	bservati	ons @							0				u	
_			ronometer Ol						*	:			0				u	
_			Compass by				ob	served a	at Sunse				0				u	
Variat	on of	the (	Compass by					at					0		•		"	

Commences and until 4 A.M. Clear and pleasant with light breeze from S. and W. At 1.08 Cape Romain Light bore N.W. by N. Got soundings 10 fathoms. At 2.30 took in all fore and aft sail except Fore topmast stay sail. Steaming six boilers. Revolutions 49. Steam pressure 60 lbs.

(Signed) Wainwright Kellogg, Lieut.

From 4 to 8 A.M. Cloudy and pleasant. Light breeze from S.W. Ground swell setting to W. Hove the lead once every hour, soundings at 11 and 14 fathoms. Maximum roll 12° to starboard and 13° to port. One steamer and one bark in sight at end of watch.

(Signed) James K. Cogswell, Lieut.

From 8 to Merid. Cloudy. Cool. Pleasant. Moderate W[ester]ly breeze Cir. Cum. clouds. At 9.30 Commanding Officer inspected crew and ship, after which read prayers. Got cast of lead each hour with following results, 13 fs [fathoms], 12 fs, no bottom, 14 fs. At 11.55 exchanged numbers with U.S.S. "Ossipee" bound to S. Steaming six boilers. Steam pressure 60 lbs. Revolutions 46.

(Signed) Richard G. Davenport, Lieut.

From Merid. to 4 P.M. Clear and pleasant with moderate breeze from S. and W. At 12.07 passed U.S.S. "Ossipee" bound to S. Made general signal to "Saugus" 5365. Saugus made signal 33°. 23. 78°. 07. Made signal to "Saugus" 33°. 23, 78°.06. At 2.52 Light Ship bore abeam. Soundings 13 fathoms. Sounded every hour, 16. 13. 15. 8 fathoms. By order of Commanding Officer, W.W. Sheldon (O.S.2.C.) was released from confinement and returned to duty. Steaming six boilers. Revolutions 40. Steam pressure 50 lbs.

(Signed) Wainwright Kellogg, Lieut.

From 4 to 6 P.M. Cloudy and pleasant. Light breeze from S.W. Hove the lead each hour, no bottom 13 fathoms. Sea smooth.

(Signed) James K. Cogswell, Lieut.

From 6 to 8 P.M. Cloudy. Cool. Pleasant. Moderate S.W. breeze. Cum. Nimb. clouds. At 6.30 mustered crew at quarters. At 7.10 took in and furled Foresail. Steaming six. Steam pressure 60 lbs. Revolutions 48. Got two casts of lead, no bottom, 20 fathoms.

(Signed) Richard G. Davenport, Lieut.

From 8 to Midnight. Overcast, with light airs from S. and W. At 8.15 stopped engines. At 8.35 started ahead again. Got cast of lead every hour. 19 to 20 fathoms. Steaming six boilers. Steam pressure 60 lbs. Revolutions 49.

(Signed) Wainwright Kellogg, Lieut.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

				WINDS			BAROME	ETER.	TE	MPERATI	JRE.	,	State of	Forms	of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	V	the Veather by ymbols	Clouds, symbo	by	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_										•		•					
1	5	4	NE 1/2 E	SW	1		30.12	80	81	79	80		ıc	Cum		10	s	
2	6	0	"	"	"	,		"	"	"	"		icl	Cir Nir	nh	9	"	и
3	6	0	и	и	"			"	"	"	"	"	.01	"	110	"	"	ш
4	6	0	и	Variable	0-1			"	80	"	"	"		Cum S	Str	"	"	и
5	4	2	NE 1/4 E	WNW	2			"	81	"	79	b	ıc	"		8	"	Topsails, F. T. Mst,
6	1 6	6 0	ш	и	1	;	30.14	"	"	"	u	"		u		9	ш	staysail
7	6	2	ш	и	"	;	30.15	81	83	84	"	"		"		"	"	и
8	6	4	ш	u	"	;	30.14	83	85	"	ш	"		"		8	u	ш
9	5	6	и	SW by W	"	;	30.12	"	"	"	u	"		Cum (	Cir	9	и	и
10	5	6	ш	и	44	4	и	44	44	44	u	"		u		5	ш	и
11	6	0	и	E	2	•		82	82	80	"	u		"		3	"	ш
Noon	5	0	и	E by S	3	•		ш	и	44	u	"		"		4	u	All Fore and Aft sails.
Distan	ice ru	n by	Log since pre	cedina Noon							1	140 k	nots		2 fa	thoms.		
			at Noon	occuring Moori								34	0	48	,	00	"N	
			R. at Noon									75	0	45		00	"W	
			ervations at N	oon ⊙								34	0	51	•	48	"N	
Longit	ude b	y Ch	ronometer fro	m Forenoon	Observat	ions ⊙						75	0	46	•	00	"W	
Currer	nt dur	ing th	ne time	knots	5	fm	ns. per h	nour, se	tting to t	he								
Variati	ion of	the (	Compass by A	Amplitude ⊙ c	bserved	at Suni	rise						0		ш		ш	
				Azimuth ⊙ ob:		8 A.M.						1	0	24	"	00	"E	
		ended	during the pr	eceding 24 h		4ha nea		04 haum	_						2	100 gallo	ns. "	
Water		inina	on hand fit fo	or me at Noon	_	trie pre	ceding	24 HOUI	S							1850	"	
		-		eceding 24 ho									17	tons			os.	
			on hand at No										88	"	3	60	и	
P,M	3	0	ne															
1	3	0	ne 1/2 e	E by S	3	;	30.10	82	82	80	79	bc		Cir Cu	m	7	S	Fore and aft sail
2	5	4	ш	ESE	3-4	,		u	u	"	44	"		и		u	u	and Foresail
3	5	6		se by e	4-5			"				"					"	"
4	5 2	2	NE 1/4 E	ш	5	،			"	"	"	"		"		"	"	и
5	3	4	N 3/4 E	"	u			81			_						"	
6 7	6	2	u				30.11	"		"	"	"		"				-
8	6 6	2	ш	и	3		30.12	80	81	"	"	"		"		"	"	
9	5	4	и	S	1-2		и	79	80	78	"	"		Cum N	Jimh	4	"	
10	5	4	и	u	2	;	30.13	78	"	"	"	и		"		"	"	
11	5	4	и	"	1-2		ш	"	ш	"	"	"		u		и	u	и
Mid.	1 5	2	n x w 1/2	"	1	,	ıı	ш	"	и	"	44		ш		u	"	Topsails F.T.M. of Sail
			W															
Longit	ude b	y Ch	ronometer fro	m Afternoon	Observat	ions							0		•		"	
Longit	ude b	y Ch	ronometer Ob	servations					*	:			0		4		ш	
Variati	ion of	the (	Compass by A	Amplitude			ob	served	at Sunse	et			0		"		"	
Variati	ion of	the (	Compass by					at					0		4		"	

Commences and until 4 A.M. Overcast. Gentle breeze from S. Heat lightening to the N. and W. Got soundings every hour, 18 and 20 fathoms. At 3.30 made Cape Lookout Light from topsail yard bearing N. by E.

(Signed) James K. Cogswell, Lieut.

From 4 to 8 A.M. Clear. Warm. Light W.N.W. breeze. Cir. Cum. Str. clouds. Passed several steamers and sails bound to S. At 4.45 made and heard buoy off Cape Lookout bearing (pc) N.W. 3/4 N. distant about three miles. Changed course to N.E. 1/4 N. Steaming six boilers. Steam pressure 65 lbs. Revolutions 49. Got cast of lead at 5, 6, 7 with following results, 14 fathoms, and no bottom at 12 fathoms.

(Signed) Richard G. Davenport, Lieut.

From 8 to Merid. Clear and pleasant. First part light airs from S. and W., latter part light breeze from E. Soundings every hour, 19 to 20 fathoms. Several steamers bound to S. passed during watch. At 12 changed course to N.E. At 10 sent down topgallant yards. At 11 set all fore and aft sail. Steaming six boilers. Revolutions 44. Pressure 65 lbs.

(Signed) Wainwright Kellogg, Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from S. and E., increasing to fresh breeze towards end of watch. Exchanged Lat. And Long, with "Saugus". Signaled to "Saugus" 5365. At 2.30 passed a large fleet of schooners bound S. At 2.30 sighted Cape Hatteras Light bearing N. 1/2 W. At 3.30 sighted fog buoy off Hatteras. At 12.30 altered N.E. 1/2 E. and at 3 to N.E. 1/4 E.

(Signed) James K. Cogswell, Lieut.

From 4 to 6 P.M. Cloudy. Cool. Pleasant. Light S.E. by E. breeze Cir. Cum. clouds. At 4.22 passed buoy off Cape Hatteras, abeam distant about 10 yards. Changed course to N. 1/4 E. Set topsails and took in fore trysail. Got casts of lead each hour in 11 and 13 fathoms. At 5.30 lost sight of buoy bearing (pc) S. by W. At end of watch Cape Hatteras Light House bore (pc) W 3/4 S. Steaming six boilers. 60 lbs. Revolutions 49. Passed several sail and steam bound to S.

(Signed) Richard G. Davenport, Lieut.

From 6 to 8 P.M. Clear and pleasant. Light breeze from E. Got two soundings, 14 and 13 fathoms. Took in and fueled foresail. Steaming six boilers. Revolutions 49. Pressure 65 lbs.

(Signed) Wainwright Kellogg, Lieut.

From 8 to Midnight. Cloudy and damp. Gentle breeze from S. At 8.30 took spanker, main try sail and jib. At 8.20 lost sight of Hatteras Light. At 8.10 made Body Island Light. At 11.15 changed course to N. by W. 1/2 W. Passed several schooners. At end of watch Body Island Light bore W. by S. 1/2 S. Got soundings every hour, 13, 17 and 14 fathoms. Bright moonlight.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea

				WINDS	š.		BAROMI	ETER.	TE	MPERATI	JRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Skv. in 10ths.	of the	Record of the sail the vessel is under at end of watch.
A,																
M. 1	6	0	n by w 1/2	wsw	1		30.13	80	79	73	71	bc	Cir Cum	9	S	Topsails. All fore
2	6	0	W	"	"		"	"	"	"	"	"	"	"	"	& aft sail except
3	6	0	ш	ш	3		и	"	"	"	"	"	и	"	u	Flying jib & G.T.sl.
4	6	0	ш	ш	"		u	78	"	"	"	u	и	"	"	riying jib a c.r.o.
5	6	0	ш	"	4		30.10	77	"	74	"	u	u	"	u	
6	6	0	ш	44	"		u	76	"	"	"	"	u	"	"	
7	6	0	ш	ш	3		30.09	75	"	79	"	u	и	"	u	
8	4	0	"	"	4		u	79	"	44	"	u	u	"	u	
9	2	0	nnw 1/2 w	W	3		30.08	83	82	80	72	u	u	"	"	
10		anaing pe He	g in for enry	W by N	1-2		30.03	"	84	82	"	"	и	"	u	
11				"	1		30.04	"	"	"	"	"	и	"	u	
No				и	0-1		"	и	"	"	"	u	ш	"	"	
on					0 1											
Dista	ince	run by	/ Log since pre	ceding Noon								knots		fathoms		
Latitu	ıde b	y D. F	R. at Noon									0			"	
Long	itude	by D	. R. at Noon									0			"	
Latitu	ude b	y Obs	servations at N	loon ⊙								0			44	
Long	itude	by C	hronometer fro	m Forenoon	Observat	tions (	•					0			u	
Curre	ent d	uring	the time	knot	s	1	fms. per l	nour, se	tting to t	he						
Varia	ation	of the	Compass by A	Amplitude ⊙ (	observed	at Su	nrise					0	66		ш	
Varia	ation	of the	Compass by A	Azimuth ⊙ ob	served a	t						0	66		ш	
Wate	er exp	ende	d during the pr	receding 24 h	ours									250 g	allons.	
Wate	er				during	the p	receding	24 hour	's						u	
Wate	er ren	nainin	g on hand fit fo	or me at Noor	1									1600	"	
Coal	cons	sumed	d during the pre	eceding 24 ho	ours							12	tons	1195	lbs.	
Coal	rema	aining	on hand at No	oon								75	и	1405	ш	
P,M																
1			ng in for	WSW	1		30.03	84	84	84	71 "	bc "	Cir Cum		8	
2	F	lampt	on Roads Va.		2		30.02		85	83	"	"				
3					"			"	86 "	86					"	
4				ш	u		20.01	"		85		и	u		u	
5 6				ш	u		30.01	44	85	84		и	"		9	
7				ш	u		30.00	44	"	83		и	"		9 "	
8				"	"		30.00 "	и	84	°		и	и		"	
9	٨	t Anc	hor	Calm	0		u	"	"	82		и	"			
10		ii Aiic	1101	SW	1		u	"	"	"		и	"			
11				ű	2		29.99	"	"	44		и	u		ш	
Mid.				ш	3		<u>2</u> 3.33	и	"	"		и	u		"	
wiid.					J											
Long	itude	by C	hronometer fro	m Afternoon	Observat	tions (	•					0			u	
-			hronometer Ot						*		0			"		
-			Compass by A				ob	served	at Sunse	et		0			"	
			Compass by					at				0			"	

Commences and until 4 A.M. Clear. Cool. Damp. Light W.S.W. breeze. Cir. Cum. clouds. Moon set at 12.30. Got cast of lead each hour of watch with following results. Viz. 13. 15. 15. 14 fathoms. At 3.30 lost sight of Body Island Light bearing (pc) S. by W. and made Currituck Light bearing (pc) N.W. 1/2 N. Set spanker try sail and jib. Steaming six boilers. Steam pressure 60 lbs. Revolutions 46.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant with light breeze breeze from S. and W. At 6.25 Currituck Light bore abeam. Got soundings every hour, 13. 12 1/2. 12 1/2 fathoms. At 7.44 changed course to N.N.W. 1/2 W. At 4.40 set foresail. Steaming six boilers. Revolutions 49. Pressure 65 lbs.

(Signed) Wainwright Kellogg, Lieut.

From 8 to Merid. Clear and warm. Light airs from W. Standing in towards Cape Henry. At 12.05 took pilot aboard. At 10.30 furled sail. At 12.15 carried away part of the port taffrail by the "Saugus" slurring to port.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Light W.S.W. breeze. Cir. Cum. clouds. At 1.15 passed Cape Henry Light House. At 3 exchanged numbers with "Harford" at anchor off Old Point. At 3.55 slowed down and communicated with Flagship. Steaming six boilers. Steam pressure 60 lbs. Revolutions 41.

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Clear and pleasant. Calm. Steaming up towards Norfolk. At 5.30 "Saugus" cast off hawser. Called all hands bring ship to anchor. Stopped off health station and waited for Health Officer.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M. Clear and warm. Light airs from the W. At 6.30 Health Officer from Norfolk came aboard and granted pratique. Steamed up to Norfolk and at 7.15 shackled port chain to the "Farewell buoy". Banked fires under six boilers. Draft of ship. Forward 13 feet 6 in, Amidships 14 feet 8 in, Aft 15 feet 10 in. David Dalton (Ships Cook) and Benj T. Cox (St Stew) were considered deserters from this date, having been absent 10 days without permission.

(Signed) James K. Cogswell, Lieut.

From 8 to Midnight. Clear. Warm. Light S.W. breeze. Cir. Cum. clouds. Riding to ebb. Slack water at 11. Swung to flood at 11.50. Moonlight. By order of Commanding Officer, Geo. T. Sweeny (Sea) was sent to the U.S. Hospital ashore. W. J. Lindon (O.S.2.C.) J. V. Marion (1.C.B.) and Ed. Moran (1.C.B.) were sent aboard by Commanding Officer of Receiving Ship. to whom they were delivered by the Police authorities. By order of Commanding Officer they were placed in double irons for safe keeping. Banked fires six boilers. Steam pressure 30 lbs. Started distilling at 10.30.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, "Farewell Buoy", Norfolk Va.

			WINE	os.	BAROMETER.		Т	EMPERAT	URE.	State of	Forms of		State		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		ш									•				
1				SW "	2	29.98	82	82	80		bc "	Cir Cum	9		
2															
3					u	"	"	81	79 "				8		
4				NIN DA/							"	"			
5 6				NNW "	1	30.00 30.02		80	80		и	u	6		
7				NNE	2	30.02		"	79		"	"	7		
8				NE	"	30.08		82	77		"	"	8		
9				"	4	30.06		"	"		"	Cum	"		
10				ш	"	30.10	82	"	78		"	"	7		
11				ш	"	30.11 "	°	"	"		"	"	"		
Noon				ш	u	u	u	44	"		"	"	"		
NOON															
Distan	ce run	hvlo	na since nre	eceding Nooi	n						knots		fathoms.		
			it Noon	ocumy 1400i							0		,	u	
			at Noon								0		4	u	
			ations at N	loon ©							0		4	u	
				om Forenoor	n Ohservat	ions (0					0		4	и	
Currer				kno			r hour, se	ettina to	the						
		-		Amplitude ⊙			i iloui, o	oung to	uic		0		ш	u	
				Azimuth ⊙ o							0		ш	ш	
				receding 24									250 gallo	ons	
Water			annig and pr			the precedin	a 24 hou	rs					200 ga	"	
		nina o	n hand fit fo	or me at Noo	-	are procedure	9 = 1						1350	"	
		-		eceding 24 h							2	tons		bs.	
			hand at No		.ou.o						73	"	1310	"	
P,M															
1				NE	5	30.12	82	80	77		bc	Cum	9		
2				u	и	u	"	"	u		44	u	и		
3				и	ш	"	80	79	"		"	"	"		
4				и	"	"	"	"	"		"	"	"		
5				и	4	"	79	"	"		"	"	"		
6				u	и	u	u	44	"		44	u	8		
7				u	и	u	78	"	76		44	u	и		
8				u	и	u	"	"	u		44	u	и		
9				"	3	30.14	76	78	u		"	"	4		
10				"	"	"	"	"	u		"	"	2		
11				u	и	u	"	"	u		44	u	3		
Mid.				u	"	"	75	"	"		ш	"	"		
Longit	ude by	/ Chro	nometer fro	om Afternoor	n Observat	tions					0		4	u	
Longit	ude by	/ Chro	nometer Ol	bservations				:	*		0		•	"	
Variati	on of t	the Co	mpass by	Amplitude			bserved	at Suns	set		0		•	"	
Variati	on of t	the Co	mpass by				at				0		•	"	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Calm. Swung to flood at 12.05. Banked fires. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. At 5.05 slack water. At 5.30 swung to ebb tide. Clear and pleasant. Light breeze, hauling from N.N.W. to N.E. during watch. Banked fires in four boilers.

(Signed) Asa Walker Lieut.

From 8 to Merid. Cool and pleasant. Moderate breeze from N.E. Swung to flood tide at 10.30. Sent working party of 20 to "Saugus" to assist in discharging ammunition. Distilling.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Moderate N.E. breeze. Cir. Cum. clouds. Riding to flood. Banked fires in six boilers. Steam pressure 30 lbs. Distilling. The following articles in Pay Dept. were surveyed and thrown overboard, condemned, Viz. 1 keg pickles, 57 lbs, Cont. marks, J. H. Redfield N.Y. J C Eldridge Naval Inspector, March 1875. Received from Paymaster Key West Florida. Geo. W. Kalen (Boy) who deserted from this ship at Philadelphia Pa. Returned and by order of Commanding Officer was retained aboard to await decision of Navy Department. At 3.30 pilot came aboard. Spread fires under boilers and made preparations for slipping and getting underway.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant with fresh breeze from N. and E. At 4.45 cast off from buoy and stood up the Elizabeth river. At 5.15 made fast to buoy and hauled alongside wharf at Navy Yard. The "Saugus" came up and moored to wharf at Navy Yard at 6. Banked fires under four boilers.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Cool and pleasant. Light N.E. Hauled fire under two boilers.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

			WINDS	š.	BAR	OMETER.	TI	EMPERAT	URE.	State of	Forms of	<u>.</u> .	State		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Ξ A,M	ž	Ē								-	-		Ēδ		
1				NE	3	30.15	76	78	76		bc	Cum Nimb	0		
2				ENE	"	ш	"	77	75		ш	"	"		
3				u	"	u	75	76	73		и	u	"		
4				S	"	u	"	"	74		и	u	"		
5				ESE	2	30.14	. "	"	75		и	u	u		
6				S	1	30.12		77	76		и	"	"		
7				SW	"	30.10		"	u		и	u	u		
8				u	u	30.08		79	"		и	"	"		
9				ш	"	30.07		"	79		ш	ш	"		
10				ш	2	30.04		80	80		ш	ш	4		
11				44	3	30.02		85	84		u	ш	5		
Noon				u	4	30.00		"	"		u	u	6		
110011					•	00.00	02						Ü		
		-		eceding Noon							knots °	f	athoms.		
			at Noon											ш	
			t. at Noon								0				
			vations at N								0	,		"	
Longit	ude b	y Chro	onometer fro	om Forenoon	Observat	ions o					0	,		44	
Currer		-		knot			er hour, se	etting to	the						
				Amplitude ⊙							0	и		ш	
				Azimuth ⊙ ob		t					0	и		ш	
Water	exper	nded o	during the p	receding 24 h	iours								250 ga		
Water		Cond	densed		during	the precedir	ng 24 hou	rs					730	ш	
Water	remai	ining o	on hand fit f	or me at Noor	า								1830	"	
Coal c	onsur	ned d	uring the pr	eceding 24 ho	ours						1	tons	435	lbs.	
Coal re	emain	ing or	n hand at No	oon							72	ш	875	ш	
P,M															
1				SSW	2	29.96		87	84		bc	Cum	7		
2				ш	"	29.93		88	85		u	Cir Cum	(		
3				ш	"	29.87		89	"		44	и	7		
4				SW by S	u	29.84		90	"		u	es	8		
5				ш	ш	29.79		89	"		u	ш	4	ı	
6				ш	"	29.78	"	84	"		и	ш	(	9	
7				ш	"	ш	88	"	"		и	ш	4		
8				u	44	u	u	"	"		u	u	8	3	
9				SSW	44	29.80	86	86	82		u	u	(	9	
10				ш	44	u	81	85	"		u	Cir	8	3	
11				ш	"	29.79	80	84	"		u	Cir Cum Nimb	;	3	
Mid.				u	и	29.81	и	44	и		и	"	:	2	
											0				
_				om Afternoon	Observa	tions						•		"	
_				bservations					*		0	•		"	
			ompass by	Amplitude			observed	at Suns	et		0	4		"	
Variati	on of	the Co	ompass by				at				0	4		u	

Commences and until 4 A.M. Overcast. Cool. Pleasant. Obscured moonlight. Cum. Nimb. clouds. Light variable breeze. Banked fires in two boilers. Steam pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast and misty. Wind light and variable from E.S.E. to S.S.W. Distilling. Fires banked under two boilers.

(Signed) John Schouler Lieut Comdr.

From 8 to Merid. Clear and pleasant with light breeze from S. and W. Ensign S. C. Lemly, Midshipmen W. H. Allen and W. G. Hannum reported aboard for duty. The men who were sent for duty onboard "Saugus" returned. U.S. Steamer "Hartford" came up the river and moored to wharf at Navy Yard.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant with light breeze from S.S.W. Lieut. Asa Walker and Chief Engineer P.A. Rearick left the ship on leave of absence of one week from the 22<sup>nd</sup> inst. Carpenters gang engaged in removing towing chock. Barometer falling. Fires banked in two boilers. Steam pressure 30 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant with light breeze from S. and W. Hauled fires under all boilers. Stopped.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and pleasant, first part, afterwards cloudy. Light breeze from S.S.W. (Signed) Sam. C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

		WIND	s.	BARON	IETER.	TE	EMPERAT	URE.	State of	Forms of		State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Kewaey Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
í. 1				SSW	3	29.79	80	80	80		bc	Cir Cum	5		
2				"	"	"	"	"	"		"	"	"		
3				W	u	"	"	u	"		u	u	"		
4				ш	u	u	"	u	"		"	Nimb	0		
5				N	"	29.79	"	"	78		"	u	u		
6				и	u	29.80	"	"	"		u	Cum	2		
7				и	u	u	"	и	"		u	u	3		
8				NNE	2	29.82	44	81	79		u	u	5		
9				ш	"	29.86	u	82	80		"		4		
10				N	u	29.87	u	ш	"		"	Cum Nimb	3		
11				и	u	29.88	81	83	44		ш	и	2		
Noon				ш	"	29.87	82	"	"		u	u	1		
			-	eceding Noor	1						knots °	fa	thoms.		
			at Noon								0				
_			. at Noon	Jaan O							0			"	
			vations at N		Observati	ono @					0			ш	
		iring the		om Forenoor kno		fms. per	hour se	atting to	tho						
		-		Amplitude ⊙			noui, se	tung to	uic		0	"		ш	
				Azimuth ⊙ o							0	ш		"	
				receding 24									260 ga	lons.	
Water			9 p			the preceding	24 hou	rs					3	"	
		aining o	on hand fit f	or me at Noo	_								1570	и	
		_		eceding 24 h								tons	275	lbs.	
Coalı	rema	ining or	n hand at N	oon							72	ш	600	u	
P,M					_	00.00	0.4								
1				NNE "	5	29.89	81	82	80		bc "	Cum "	4		
2				и	u	и	"	ш	"		44	и	"		
4				ш	ш	"	"	u	"		ш	u	"		
5				44	"	29.94	78	79	75		44	Cum Nimb	3		
6				"	"	29.95	"	"	"		"	u	"		
7				u	44	29.99	"	"	"		44	u	2		
8				"	4	29.97	76	"	73		"	"	5		
9				u	3	30.02	"	76	74		ű	Cir	"		
10				44	"	30.02	u	"	u		"	u	"		
11				"	2	30.05	"	и	44		и	u	"		
Mid.				и	ш	30.04	u	"	ш		"	ш	"		
											_				
_				om Afternoor	Observati	ons ⊙			_		0	4		"	
-				bservations					*		0			"	
			ompass by	Amplitude		ol		at Suns	et		0			"	
variat	tion c	or the Co	ompass by				at				•	•		-	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, except last hour which was rainy.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Cloudy and pleasant. Light breeze from N. C.M. Thompson (Lds C.F.) and John Horrigan (Lds) were found to be absent from the ship without permission.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Cloudy and pleasant. Light breeze from N. At 9.30 inspected at quarters. By order of Commanding Officer, W. J. Lindon (O.S.2.C.) J. V. Marion (1.C.B.) and Ed. Moran (1.C.B.) were released from double irons and confined in single irons on full rations.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and cloudy. Fresh breeze from N. and E. At 3 the "Hartford" started down in tow of "Pinta", but anchored and got steam. Flood tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy but pleasant. Fresh breeze from N.N.E. Commander W. S. Schley left the ship on leave of absence of one week from 23<sup>rd</sup> inst.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Cloudy and cool. Light breeze from N. and E. Bright moonlight.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

w		WINDS	S.		BAROMETER.		TE	MPERATI	JRE.	State of	Forms of		State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear	State of the Sea.	Record of the sail the vessel is under at end of watch.
	_	-										•				
A,M																
1				NNE	2		30.08	73	73	70		bc	Cir Cum			
2				ш	"	"		72	72	44		u	u	8		
3				ш	4	"		u	u	"		u	u	"		
4				ш	ш	3	30.10	71	70	69		u	u	"		
5				NE	"	3	30.14	70	69	67		u	u	"		
6				ш	"	3	30.21	68	68	66		u	u	"		
7				ш	"	3	30.23	"	"	"		u	u	"		
8				ш	ш	3	30.24	"	"	"		u	u	9		
9				ш	3	3	30.25	"	69	67		u	u	"		
10				ш	u	"		69	70	"		u	и	7		
11				ш	u	"		70	71	68		u	и	6		
Noon				ш	"	"		"	72	69		u	u	"		
Distan	ce run	by Lo	g since pre	ceding Noon	ı							knots		fathoms		
Latitud	e by E	). R. a	t Noon									0		4	66	
Longitu	ude by	/ D. R.	at Noon									0		4	"	
Latitud	e by C	Observ	ations at N	oon ⊙								0		4	"	
Longitu	ude by	/ Chro	nometer fro	m Forenoon	Observat	ions ⊙						0		4	"	
Curren	t durir	ng the	time	knot	ts	fm	s. per h	our, se	tting to t	the						
Variati	on of t	he Co	mpass by A	Amplitude	observed	at Sunr	ise					0		4	"	
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		11	66	
Water	expen	ided di	uring the pr	eceding 24 h	nours									250 g	allons.	
Water		Recei	ved		during	the pre	ceding 2	24 hour	s					140	) "	
Water	remai	ning o	n hand fit fo	or me at Nooi	n		_							280	) "	
Coal c	onsun	ned du	ring the pre	eceding 24 ho	ours								tons	275	lbs.	
			hand at No									72	и	325	"	
		•														
P,M																
1				NE	3	3	30.23	72	74	71		bc	Cir Cum		7	
2				u	u	3	30.21	"	"	"		u	u		u	
3				u	u	3	30.20	73	75	"		u	u		u	
4				u	и	"		"	74	"		u	и		u	
5				ш	2	3	30.18	72	72	"		u	u		8	
6				ш	ш	"		"	"	u		"	u		"	
7				ш	"	3	30.16	"	"	"		u	u		9	
8				ш	"	"		"	"	"		u	u		u	
9				ENE	"	"		"	"	70		"	u		"	
10				"	ш			71	71	69		b	None		10	
11				"	1-2	"	ı	69	69	"		"	"		"	
Mid.				44	"	"	ı	"	"	68		"	u		u	
ivilu.										00						
Longit	ıde h	, Chro	nometer fra	m Afternoon	Observet	ione @						0		4	"	
•					Observat	1011S ®			*			0			и	
-				servations			-1					0			u	
			mpass by A	amplitude			ODS		at Sunse	e(		0				
variati	on of t	ne Co	mpass by					at				ŭ		-	-	

Commences and until 4 A.M. Clear and cool. Light breeze from N.N.E. Bright moonlight.

(Signed) Samuel C. Lemly
Ensign.

From 4 to 8 A.M. Clear. Cool. Pleasant. Light N.E. breeze. Flood tide.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and cool. Moderate breeze from N.E.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Light N.E. breeze. Turned flood at 2.30. Received in Equipment Department 1400 galls, fresh water. Captain's Clerk Arthur Schley left the ship for a weeks leave.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and cool. Light breeze from N.E. Sent liberty party ashore. Confined John Mason (Mach) to the limits of berth deck to await further orders, for attempting to smuggle liquor. P.A. Paymaster J. D. Hurlburt left the ship on one weeks leave of absence.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Light E.N.E. airs Tide ebb.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

			WINDS	3.		BAROME	TER.	TE	MPERATI	JRE.	State of	Forms of	_	. S	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	leight in nches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	SKY, III 10tilis	of the Record of the sail the vessel is under at end of watch.
A,M																
1				Е	1	30	0.16	68	68	67		bc	Cur Cun	n 9		
2				u	u	"		"	"	u		"	и			
3				и	"	"		"	"	u		и	и	"		
4				u	"	"		"	"	u		"	и	"		
5				Calm	0	30	0.14	69	68	68		b	None	10		
6				u	u	30	0.12	70	70	70		"	Cir Cum	9		
7				и	"	30	0.11	71	44	u		u	ш	"		
8				и	u	u		72	72	ш		bc	u	u		
9				S	1	30	0.12	71	74	72		и	u	8		
10				и	и		0.09	73	44	73		u	u	6		
11				и	и		0.10	74	77	74		u	"	3		
Noon				ш	u	30	0.07	75	78	76		и	и	"		
Dietan	co rur	hv I c	og eince pre	eceding Noon								knots		fathom		
			it Noon	ceding Noon								0		iauioiii	s. "	
			at Noon									0			ш	
			ations at N	loon ⊙								0			ш	•
				om Forenoon	Observat	ions ⊙						0			и	•
Currer				knot			s. per h	nour, se	tting to	the						
Variati	on of	the Co	mpass by	Amplitude ⊙	observed	at Sunris	se					0		4	и	•
Variati	on of	the Co	mpass by	Azimuth ⊙ ob	served at							0		4	и	4
Water	exper	nded d	uring the p	receding 24 h	nours									250 (	gallons.	3.
Water					during	the prec	eding :	24 hour	s						"	и
Water	remai	ining o	n hand fit fo	or me at Noo	n									255	60 "	и
Coal	onsun	ned du	iring the pre	eceding 24 ho	ours								tons	275	lbs.	
Coal r	emain	ing on	hand at No	oon								72	es	50	ш	
P,M																
1 1				s	1	30	0.05	78	80	78		bc	Cir Cum		3	
2				"			0.02	"	82	"		"	"		5	
3				ш	44		0.00	80	83	79		"	u		"	
4				и	"		9.98	"	"	"		и	u		2	
5				WSW	"	"		82	"	ш		u	u		u	
6				u	44	29	9.97	u	"	и		"	u		u	
7				SW	44	"		u	82	и		"	Cir Cum	Str	3	
8				"	44	"		u	44	и		"	u		2	
9				S	u	"		80	80	78		u	u		4	
10				44	44	"		"	"	ш		"	es.		5	
11				"	ш	u		"	u	и		"	u		u	
Mid.				и	"	"		"	"	ш		"	ш		"	
		٥.		4.0	01							0				
_				om Afternoon	Observat	ions						0			"	
				bservations			-1			k		0				ш
			mpass by A	Amplitude			do		at Suns	e(		0		4		ш
variati	UN 01	ine Co	mpass by					at				-				

Commences and until 4 A.M. Clear and cool. Light airs from E. Confined Lewis Potts (OS2C) for one hour for being drunk and noisy. Bright moonlight.

(Signed) James K. Cogswell

Lieut.

From 4 to 8 A.M. Clear and pleasant. Calm. Barometer falling slowly.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Merid. Clear and pleasant. Light S[outher]ly airs. Ebb tide. Cir. Cum. clouds. At 9.30 mustered and inspected crew at quarters.

(Signed) Richard G. Davenport

Lieut.

From Merid. to 4 P.M. Clear and pleasant with light airs from S. Barometer falling slowly.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Cloudy. Pleasant. Light S.W. airs. Flood tide. Cir. Cum. Str. clouds.

(Signed) Richard G. Davenport

Lieut.

From 8 to Midnight. Clear and pleasant with light airs from S. Bright moonlight.

(Signed) Wainwright Kellogg

Lieut.

(Signed) Asa Walker, Lieut. Navigator.

		WINDS.			BAROMETER.		TE	MPERATU	JRE.							
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
ゴ A,M	Ā	Fat												ξŏ		
1				S	3		29.97	79	79	78		bc	Cir Cum	8		
2				"	"			78	78	77		"	"	7		
3				44	"		u	76	76	75		"	и	2		
4				u	"		u	"	"	"		"	ш	8		
5				SW	1		29.99	"	"	"		"	Cum Nimb	2		
6				"	"		30.00	"	"	"		"	Cum Str	9		
7				и	ш		"	u	76	76		и	"			
				ш	ш		20.00	"	76 "	76 77		"	u			
8				"			29.99					и	0:- 0	4		
9				"	3		29.98	78	80	80		"	Cir Cum			
10							29.97	80	84	82			u	8		
11				"	4		29.95	85	86	83						
Noon					5		29.92	u	88	85						
Distan	ce run	by Lo	g since pre	ceding Noon								knots	fath	oms.		
Latitud	le by [	D. R. a	t Noon									0	'		ш	
Longitu	ude by	/ D. R.	at Noon									0	4		ш	
Latitud	le by C	Observ	ations at N	loon ⊙								0	4		ш	
Longitu	ude by	/ Chro	nometer fro	m Forenoon	Observat	ions ⊙						0	4		ш	
Curren	t durir	ng the	time	knot	s	fn	ns. per h	nour, se	tting to t	the						
Variati	on of t	the Co	mpass by A	Amplitude ⊙	observed	at Sun	rise					0	ш		ш	
Variati	on of t	the Co	mpass by A	Azimuth ⊙ ob	served at							0	ш		ш	
Water	expen	nded di	uring the pr	eceding 24 h	ours								2	50 gallor	ıs.	
Water					during	the pre	eceding :	24 hour	s						"	
Water	remai	ning o	n hand fit fo	or me at Noor	ı									2300	u	
Coal c	onsun	ned du	ring the pre	eceding 24 ho	ours								tons 27	75 lb:	S.	
Coal re	emaini	ing on	hand at No	oon								71	" 201	15		
P,M																
1				WSW	2		29.88	87	90	85		bc	Cir Cum	7		
2				"	"		29.86	"	"	86		"	"	5		
3				u	2-3		<b>2</b> 9.00	88	и	"		u	Cum Nimb	4		
				u				"	ш	"		u	"			
4				N1 5 VA/	3		29.84					"	"	0		
5				N by W	2		29.88	85	85	82		"	"	2		
6				NNE	1		29.91	84	83	"		"	"	7		
7				ENE "	0-1		29.92		84	-				8		
8					-		29.94	83	83							
9				Calm	0		29.96	82	82	80		bcl		•		
10								"	"			bc	Cum"	9		
11				ш	и		ш	"	"	79		ш	и	"		
Mid.				ш	и		ш	"	"	44		ш	ш	и		
Longit	ıde b	, Chro	nometer fro	om Afternoon	Observat	ions @						0	,		"	
-					ODOCI VAL	ions o			*			0	4		ш	
-				oservations				oon rad				0			"	
			mpass by A	чиришае			OD		at Suns	υl		0			"	
variati	on or t	uie C0	mpass by					at				•	•			

Commences and until 4 A.M. Cloudy. Cool. Pleasant. Cir. Cum. clouds. Light S. breeze. Ebb tide.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Clear and pleasant with light S.W[ester]ly airs. Engaged in discharging ammunition.

(Signed) Samuel C. Lemly Lieut.

From 8 to Merid. Clear and pleasant with moderate breeze from S. Discharged and sent to Port Norfolk 76 tanks of powder, 71 XI in shell, 183 IX in shell, 56 rifle shell and 10 boxes boat ammunition. End of watch engaged in preparing to set up lower rigging. At 10 mustered at quarters.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Clear and pleasant first part, clouding over latter half of watch with passing showers. Wind light from W.S.W. Engaged in setting up lower rigging and topmast back stays. At 2.50 "Pinta" left the yard for Hampton Roads.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Overcast and rainy first part, afterwards clear and pleasant. Light variable airs. Engaged in setting up lower rigging and topmast back stays. Midshipmen Richard Henderson and T. D. Griffin reported for duty. Lieutenant Wainwright Kellogg left the ship on leave of absence for one week. Condemned and threw overboard one can of preserved beef. Contract Marks, N.Y. and Texas Beef Preserving Co, Naval Inspector, J. E. Eldridge N.Y. Oct. 1874.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and warm. Calm. Lightening to S. first part of watch.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

		WINDS	S.	BAR	BAROMETER.			URE.	State of	Forms of			State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, b symbols.	y <u>ĕ</u>	Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_									•	•					
				0.1	•	00.00			70							
1				Calm "	0	29.98	80	80	78 "		bc "	Cum "	9			
2					"			"	"		и					
3								"	"		u					
4					"											
5				и	"	29.97		77	76		bcf	"				
6				и	u	29.99		78	77 "		bc "	"	4			
7				и	u	30.00		79				Mana	40			
8						30.04		81	79		b	None	10	)		
9				NW "	2	30.03		83	81		bc "	Cir "	9			
10						30.02		84	82							
11						30.00		86	83							
Noon						29.98	85	89	84							
Dista	nce ru	n by Lo	og since pre	eceding Noon							knots		fathom	S.		
Latitu	de by	D. R. a	at Noon								0			ш		
Longi	tude b	y D. R	. at Noon								0			ш		
			vations at N	loon ⊙							0			ш		
				om Forenoon	Observat	ions ⊙					0			"		
_		ing the		knot			er hour, s	etting to	the							
		-		Amplitude ⊙ o			·	J			0		"	и		
				Azimuth ⊙ ob							0		"	и		
				receding 24 h									250	gallons.		
Wate			3	3		the precedir	na 24 hou	ırs								
		ainina a	n hand fit f	or me at Noor	_		•						20	50 "		
		-		eceding 24 ho								tons	275	lbs.		
			hand at No								71	u	1740	и		
P,M																
1				S	2	29.96	87	91	85		bc	Cir		1		
2				SW by S	u	29.94	"	92	86		и	и		u		
3				u	44	29.87	89	93	u		b	None		10		
4				u	44	29.86	90	94	88		u	"		ш		
5				ш	ec	29.84	92	"	u		ш	u		"		
6				ш	ec	29.82	93	95	89		ш	u		"		
7				u	1	29.83	92	94	u		u	u		u		
8				u	u	u	u	93	87		u	и		u		
9				u	u	29.82	89	87	84		bcf	Cir		9		
10				и	u	29.84	87	86	u		и	"		ш		
11				ESE	"	u	"	"	"		u	Cir Cun	า	4		
Mid.				"	"	29.86	83	85	"		u	u		2		
Longi	tude b	y Chro	nometer fro	om Afternoon	Observat	ions ⊙					0		•	"		
Longi	tude b	y Chro	nometer O	bservations				:	*		0		•	"		
Varia	tion of	the Co	ompass by	Amplitude			observed	at Suns	set		0		•	"		
Varia	tion of	the Co	ompass by				at				0		4	и		

Commences and until 4 A.M. Weather clear and calm. Flood tide. Passing showers.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Calm. Warm. Tide turned ebb at 6. At 8 loosed sail.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Light airs from N. and W. At 8.05 "Franklin" made general signal 4826, answered. At 8.10 furled sail. Crew engaged in setting up standing rigging. At 11.25 made interrogatory signal 2984. "Franklin" answered 904. Barometer falling slowly. Ebb tide.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear. Hot. Light airs from S. and W. Cleaned bilge under aft shot locker. Engaged in setting up standing rigging. Barometer falling slowly. Ebb tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Pleasant. Light airs from S. and W. Slack water at 5.30. Turned flood at 6. Crew engaged in setting up standing rigging. Cirrus clouds.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear first part, afterwards cloudy. Light breeze from N. and E. Moon rose at 8.45. Ebb tide.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BAROM	ETER.	TI	EMPERAT	URE.					
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	Ā	E.								•	•		± 0		
A,M															
1				ENE "	1	29.80	82	85	84		bc "	Cir Str	3		
2						29.88	"	83	81			Cir Cum	6		
3				NW "	"		"	82	80				3		
4								81	79 "				4		
5				u	0-1	29.89	80	80			"				
6				u	u	29.91 29.92	79 "	"	"		ш	u	3 2		
7 8				ш	1-2	29.92	ш	"	78		"	u	6		
9				Calm	0	29.93 "	80	82	80		"	Cum	0		
10				"	"	29.95	"	"	"		"	Cir Cum	2		
11				NNE	1	<u>29.93</u>	и	"	"		"	"	3		
Noon				"	"	u	83	86	84		"	"	4		
110011							00	00	04				7		
Distan	ce rur	n by Lo	og since pre	eceding Noon							knots	f	athoms.		
		•	at Noon	Ü							0			"	
Longit	ude by	y D. R	. at Noon								0			"	
			vations at N	loon ⊙							0			"	
Longit	ude b	y Chro	nometer fro	om Forenoon	Observat	ions ⊙					0			"	
Currer	nt duri	ng the	time	knot	s	fms. per	nour, se	etting to	the						
Variati	on of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise					0	и		"	
Variati	on of	the Co	mpass by	Azimuth ⊙ ob	served at						0	и		"	
Water	exper	nded d	luring the p	receding 24 h	ours								250 galle	ons.	
Water					during	the preceding	24 hou	rs						44	
Water	remai	ining o	n hand fit f	or me at Nooi	ı								1800	u	
Coal c	onsur	ned du	uring the pr	eceding 24 ho	ours							tons	275 I	bs.	
Coal r	emain	ing on	hand at No	oon							71	и	1465	"	
P,M															
1				ENE	2	29.94	84	86	84		bcp "	Cum Nim	b 5		
2				E by N	u	29.93	"	"	и						
3						29.92	"						3		
4					3	29.91		85	83				4		
5					2	29.92	83	83	82 80		bc "	"	2		
6				SE "	ა 2	29.93 29.96	81	82	6U "		и	"	4		
8				SE by S	"	29.90 "	80	"	79		44	u	1		
9				ENE	44	u	"	81	"		ш	u	4		
10				"	44	u	4	80	78		ш	u			
11				"	u	29.97	78	78	77		bcp	"	1		
Mid.				"	44	29.99	"	"			"	"			
a.						20.00									
Lonait	ude h	v Chro	nometer fro	om Afternoon	Observat	ions ⊙					0			ш	
				bservations				:	*		0	4		"	
-			mpass by			oh	served	at Suns			0			u	
			mpass by			0.	at	50.10			0	4		"	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Cool. Pleasant. Light variable breeze. Obscured moonlight. Ebb tide. Cir. Cum. Str. clouds.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear. Warm. Light N.W[ester]ly airs. Cir. Cum. clouds. Ebb tide. Barometer rising slightly.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Cloudy. Warm. Calm first part of watch, light airs from N.N.E. latter part. At 9.30 inspected at quarters. Drilled 1<sup>st</sup> and 2<sup>nd</sup> Divisions at great guns. Marine Guard at small arms. Engaged in setting up standing rigging. Turned to ebb at 11.30. Barometer steady.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Pleasant. Cur. Cum. Nimb clouds. Passing showers. At 2 made interrogatory signal 2984 to "Franklin". Answered 904. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Cloudy. Warm. Light airs from S. and E. Engaged in setting up standing rigging. Ebb tide. Barometer steady last two hours.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Cloudy. Cool. Passing showers last two hours. Cir. Cum. Nimb. clouds. Tide turned ebb at 11.45. Obscured moonlight.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BAROM	ETER.	TE	EMPERATI	URE.					
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	돧	Fat											ξŏ		
A,M															
1				SE by S	2	29.98	77	76	77		0	Cir Cum	0		
2				er	3	ű	ш	80	44		ор	"			
3				u	u	u	76	76 "	75 "		bcp		1		
4								"	"		0		"		
5				E	1	30.01	75				bc "	Cum Nimb			
6				N by N		30.03	74 "	75 "	74 "		"		2		
7					2	30.04		"	"				3		
8					"	"		"	"		"		1		
9				u							"	"			
10				и	3	30.04	75 "	74 "	75 "		_	"	0		
11				u	u	30.03	и	"	u		0	ш	"		
Noon											or				
Distan	ice rui	n by Lo	og since pre	eceding Noon							knots	fai	homs.		
Latitud	de by	D. R. a	at Noon								0	•		и	
Longit	ude b	y D. R	. at Noon								0	•		и	
Latitud	de by	Obser	vations at N	loon ⊙							0			"	
Longit	ude b	y Chro	nometer fro	om Forenoon	Observat	ions ⊙					0	•		ш	
Curre	nt duri	ing the	time	knot	ts	fms. per	nour, se	etting to	the						
Variat	ion of	the Co	ompass by	Amplitude ⊙	observed	at Sunrise					0	и		"	
Variat	ion of	the Co	ompass by	Azimuth ⊙ ob	served at						0	и		ш	
Water	expe	nded c	during the p	receding 24 h	nours								250 gallo	ns.	
Water					during	the preceding	24 hou	rs						"	
Water	rema	ining c	on hand fit f	or me at Noo	n								1550	u	
Coal	onsu	med dı	uring the pr	eceding 24 ho	ours							tons	275 lb	S.	
Coal r	emair	ning on	hand at No	oon							71	" 1	190	44	
P,M															
1				E by N	3	30.04	75	76	75		0	Cum Nimb	0		
2				"	4	"	и	u	u		и	"	u		
3				ENE	и	30.06	"	75	"		и	u	"		
4				и	3	u	74	"	74		и	"	"		
5				и	2	30.05	"	74	"		or	u	"		
6				u	44	u	u	75	44		0	u	u		
7				u	"	u	73	73	u		bc	u	3		
8				u	1-2	u	u	"	73		ш	u	8		
9				u	2	30.06	u	"	44		ш	u	u		
10				u	44	u	u	"	72		ш	u	u		
11				и	"	u	и	u	"		и	"	7		
Mid.				E by N	"	30.08	72	u	44		u	Cir Cum	8		
				•											
Longit	ude b	y Chro	onometer fro	om Afternoon	Observat	ions ⊙					0	•		ш	
Longit	ude b	y Chro	onometer O	bservations				:	*		0	4		"	
Variat	ion of	the Co	ompass by	Amplitude		ob	served	at Suns	et		0	4		"	
Variat	ion of	the Co	ompass by				at				0	•		"	

Commences and until 4 A.M. Overcast first two, and last hours of watch. Cool. Pleasant. Light breeze from S.E. by S. Ebb tide. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Cloudy but pleasant. Light airs from E. Barometer rising. William Barker (Lds) absent from the ship without leave.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Cloudy. Pleasant. Light E. by N. breeze. Cum. Nimb. clouds. At 9.15 inspected at quarters. Exercised Co. A at small arms. Co. B at single sticks. By order of Commanding Officer, W. D. Jenkins (O.S.2.C.) was confined in single irons, on full rations.\* for being absent without leave. Slight sprinkle of rain last hour. Tide turned ebb at 11.30. Men from Navy Yard came aboard to work in Engineers Department. Received in Pay Department 156 lbs, fresh beef and 156 lbs. vegetables.

\*To await the action of Commanding Officer.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast. Cool. Rainy last hour. Moderate breeze from N. and E. Ebb tide. Barometer rising.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Overcast. Rainy. Cum. Nimb. clouds. Light E.N.E. breeze. At 6.30 made interrogatory signal 2985 to "Franklin". Answered 904. Flood tide.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant. Cool. Light breeze from E.N.E. Flood tide.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

	WINDS.		BAROME	TER.	TE	EMPERATI	JRE.	State of	Forms of	٠	State	
Hour Fathouts Steeled:	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M												
1	ENE	2	30.08	72	73	71		bc	Cir Cum	8		
2	ш	u	ш	"	"	и		u	ш	"		
3	ш	"	u	u	u	ш		"	u	"		
4	ш	и	u	"	44	и		u	ш	"		
5	NNE	"	30.10	71	71	70		u	и	9		
0	ш	"	30.13	"	"	ш		ш	и	"		
7	es	и	30.14	"	72	71		"	ш	"		
8	ш	и	30.16	44	"	и		ш	"	"		
9	ш	и	30.20	72	73	72		и	u	8		
10		u	30.19	"	"	73 "		"	u	7		
11		u		73	75 "							
Noon	NE		30.18	74	-	72		•	•	8		
Distance run by Log since prece	edina Noon							knots	f	athoms.		
Latitude by D. R. at Noon	samy recon							0	."	automo.	и	
Longitude by D. R. at Noon								0	4		и	
Latitude by Observations at Noc	on ⊙							0			ш	
Longitude by Chronometer from		Observatio	ons ⊙					0			ш	
Current during the time	knots		fms. per l	nour, se	tting to	the						
Variation of the Compass by Am	nplitude ⊙ c	bserved a	t Sunrise		-			0	ш		и	
Variation of the Compass by Azi	imuth ⊙ ob	served at						0	ш		и	
Water expended during the pred	ceding 24 h	ours								300 ga	llons.	
Water Received		during th	ne preceding	24 hour	s					1800	и	
Water remaining on hand fit for	me at Noon									1250	u	
Coal consumed during the prece	eding 24 ho	urs							tons	275	lbs.	
Coal remaining on hand at Noor	n							71	"	910	u	
P,M		_										
1	NE	2	30.18	74	75	74 "		bc "	Cir Cum	3	3	
2	ENE "	u	30.10	75 70	76	u		u	"			
3	и	u	30.14	76 "	77 "	4		и	"	4		
4 5	E by N	44	30.13 30.14	"	"	75		ш	u	ç	<b>1</b>	
6	"	ш	30.14	"	"	"		ш	"		,	
7	Е	1-2	30.15	"	76	ш		b	None		10	
8	"	1	"	"	"	u		bc	Str	ę		
9	ш	"	30.18	74	73	72		u	"			
10	SE	и	30.17	73	72	71		b	None		10	
11	Calm	0	30.18	"	"	70		b	u	4		
Mid.	ш	u	"	71	71	u		bc	Str	ę	)	
Longitude by Chronometer from	Afternoon	Observatio	ons ⊙					0			и	
Longitude by Chronometer Obse	ervations				*	k		0	4		u	
Variation of the Compass by Am	nplitude		ob	served	at Suns	et		0			u	
Variation of the Compass by				at				0	•		u	

Commences and until 4 A.M. Clear. Cool. Pleasant. Light airs from E.N.E. Cir Cum clouds. Flood tide. Bright moonlight.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Pleasant. Light N.E. breeze. Flood tide. At 7.45 made interrogatory signal 5455. "Franklin" answered 904. At 8 loosed sail.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Chief Engineer P.A. Rearick returned from leave. At 9.30 inspected at quarters. Stationed crew for fire quarters. Weather clear and pleasant. Light breeze from N. and E. Flood tide.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light airs from N. and E. Ebb tide. At 1.45 made signal 4826. "Franklin" answered 904. At 1.50 furled sail. At 2.20 made signal 2984. "Franklin" answered 904. Barometer falling slowly.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Cool. Pleasant. Cir. Cum. clouds. Light E[aster]ly breeze. F. E. Cross (Eng Yeo) left the ship on one weeks leave. Ebb tide. Received on board 1800 galls. fresh water.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Light airs from S. and E. during first part, afterwards calm. Bright moonlight. Slack water at 11.30.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.	BAR	OMETER.	Т	EMPERAT	URE.	State of	Forms of	-	Stat	e
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	of the	Record of the sail the vessel is
A,M	_	_								•					
1				Calm	0	30.19	70	70	68		b	None	10		
2				"	"	"	69	68	67		bc	Cir Str	9		
3				и	ш	и	68	"	"		"	Str	"		
4				S and W	0-1	30.20		44	"		"	Cum Str	"		
5				S	u	30.22		ш	"		"	Cir Cum	"		
6				ш	ш	u	ш	ш	u		"	Cir	ш		
7				u	u	u	68	69	68		"	и	"		
8				ш	u	30.23	69	71	70		"	и	"		
9				WSW	1	30.21	71	75	73		"	u	"		
10				u	и	30.20	73	79	77		"	и	"		
11				ш	"	30.19	76	81	79		"	u	"		
Noon				ш	"	30.16	78	84	80		"	u	"		
			-	eceding Noon							knots		fathoms	S. "	
			it Noon								0				
			at Noon	loon @							0			"	
			ations at N		Obcoruat	iono O					0			u	
Currer				om Forenoon knot			er hour, s	atting to	tho						
		-		Amplitude ⊙ o			i iloui, s	etting to	uic		0			"	
				Azimuth ⊙ ob							0		4	"	
				receding 24 h									250 c	allons.	
Water			3	3		the precedir	ng 24 hou	ırs						и	
		ining o	n hand fit fo	or me at Noor	_								290	0 "	
				eceding 24 ho								tons	275	lbs.	
Coal r	emain	ing on	hand at No	oon							71	и	640	u	
P,M				2014/		20.4	0.4					•			
1				SSW	1	30.14		86 "	82		bc "	Cum "		9	
2				SW by W	"	30.13			"		ш	и		и	
3 4				S by W	u	30.08 30.06		87	"		ш	и		u	
5				"	u	30.04		86	82		"	u		и	
6				ш	2	30.02		"	"		ш	и		7	
7				S	"	"	и	и	81		"	Cum Str		5	
8				ш	u	30.03	85	84	"		ш	u		3	
9				ш	u	30.05		83	80		ш	Cum		9	
10				ш	u	"	82	81	79		ш	u		u	
11				ш	2-3	30.06	80	80	77		bcq	Cir Str		"	
Mid.				ш	3-4	30.07	и	79	76		"	ш		8	
Longit	ude by	y Chro	nometer fro	om Afternoon	Observat	ions ⊙					0	•		"	
Longit	ude by	y Chro	nometer Ob	bservations				:	*		0		4	"	
			mpass by A	Amplitude			observed	at Suns	set		0		4	"	
Variati	ion of	the Co	mpass by				at				0		4	и	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Cool. Calm. Bright moonlight. Very bright ray of Northern Light, which set at 2 to 3. Ebb tide. Cir. Cum. clouds.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear. Pleasant. Light airs from S. At 5.40 "Ossipee" left the Navy Yard. Tide turned flood at 8.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light breeze from S. and W. Flood tide. Barometer falling. At 9.30 Commander W. S. Schley and Captains Clerk Arthur Schley returned from leave.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Warm. Light airs from S. and W. Lieutenant Commander John Schouler left the ship on one weeks leave of absence. At 2.30 the "Pinta" and at 3.20 the "Tallapoosa" left the Navy Yard. Cum. clouds. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant during first part, partially overcast during last hour of watch. Light airs from S. and E. Ebb tide.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear. Cool. Pleasant. Light breeze from S. with moderate breeze squalls from. By order of Commanding Officer, W. H. Simms (W.R.S.) stood four hours extra duty. Moon rose at 10.30. Barometer rising. Cir. Str. clouds. Ebb tide.

(Signed) Richard G. Davenport Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BAROM	ETER.	TE	EMPERAT	URE.	State of	Forms of	<b>.</b> .	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	ш.													
1				S by W	2-3	30.06	79	78	76		bcq	Cir Cum	4		
2				"	"	"	"	"	"		"	Str "			
3				WSW	"	u	78	77	"		"	и	3		
4				u	"	"	77	"	"		"	Cir Cum	2		
5				ш	"	"	"	78	"		bc	Nimb "	4		
6				u	44	u	"	79	77		"	Cir Cum	6		
7				и	"	и	78	80	"		"	и	"		
8				ш	"	u	"	83	79		"	и	2		
9				ш	u	30.05	"	86	80		bcq	и	5		
10				"	"	30.02	82	88	82		"	ш	4		
11				ш	u	30.00	83	"	83		ш	ш	44		
Noon				и	ш	29.98	84	"	84		ш	ш	1		
Distan	nce ru	ın by Lo	og since pr	eceding Noon	ı						knots	fat	homs.		
			at Noon	<b>3</b>							0			**	
			. at Noon								0			"	
Latitud	de by	Observ	vations at N	Noon ⊙							0	4		u	
Longit	tude l	by Chro	nometer fr	om Forenoon	Observati	ions ⊙					0	"		**	
		ring the		knot		fms. per	hour, se	etting to	the						
				Amplitude ⊙							0	ш		и	
				Azimuth ⊙ ob							0	ш		ш	
		ended d	luring the p	receding 24 h			041					;	300 gallo	ons. "	
Water			n band fit t	for mo at Naa-	_	the preceding	24 nou	rs					2600	u	
		_		for me at Noor receding 24 ho								tons 2		os.	
			hand at N		Juio						71		365	"	
		9													
P,M													_		
1				SW "	2-4	29.95	86	90	85		bcq "	Cir Cum	5		
2				u	3-5	29.93 29.86	88 89	92	86		44	u	"		
4				ш	"	29.85	90	93	87		44	ш	"		
5				WSW	ш	"	91	"	"		ш	u	6		
6				"	u	29.84	"	92	"		"	"	9		
7				u	1-3	ű	"	91	86		ш	u	"		
8				Calm	0	29.86	и	"	44		bc	"	u		
9				SW	1-2	29.87	89	89	44		ш	"	u		
10				"	2	29.88	88	86	85		"	Cir Cum Nimb	7		
11				u	3	"	86	85	"		ш	"	и		
Mid.				44	3-5	u	и	ш	"		bcq	u	и		
		b C'		A 64	01	0					0			u	
-				om Afternoon Observations	observat	IUIIS •			*		0			u	
_			mometer Compass by			oh	served	at Suns			0			и	
			mpass by			OL.	at	at ouris			0	4		u	
· anat			pass by				ut								

Commences and until 4 A.M. Partially overcast and pleasant. Light breeze from S. and W. Flood tide. Obscured moonlight. Barometer steady. Squally.

(Signed) Samuel C. Lemly

From 4 to 8 A.M. Partly cloudy. Pleasant. Light W.S.W. breeze. Cir. Cum. clouds. At 7.20 made interrogatory signal 6144. "Franklin" answered 904. At 8 crossed top gallant yards.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear. Warm. Pleasant. Light breeze from W.S.W. Squally. Cir. Cum. clouds. Lieut. Asa Walker returned from leave. At 9.40 had preliminary inspection. At 9.45 Commanding Officer inspected ship and crew. Afterwards "Articles of War" were read, prayers by Commanding Officer, and crew mustered. The following men were found absent Viz. C.C. Wiggin (Sea) C.M. Thompson (Lds C.F.) Pat Mourley (O.S.2.C.) John C. Gable (O.S.2.C.) Francis Shields (O.S.2.C.) Wm Barker (Lds) S.S. Spratt (Lds) J. Horrigan (Lds) W.D. Saddler (2.C.F.) M.W. Moore (1.C.B.) and Maurice Ronan (C.F.) Flood tide. Barometer falling slowly. (Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear. Warm. Light W.S.W. breeze with heavy gusts. Cir. Cum. clouds. At 1 turned ebb. Barometer falling rapidly.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear. Warm. Light breeze from S. and W. first part, calm last hour. At 7.10 made general signal 2985. "Franklin" answered 904. Ebb tide.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Light S.W[ester]ly breeze. Cir. Cum clouds. Heat lightening to N. and E. Moon rose at 10.45. Wm Barker (Lds) returned onboard.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	3.	BAF	OMETER.	Т	EMPERAT	TURE.	State of	Forms of	_	. St	State
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Heigh in inches	att'd	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	tt	of the Record of the sail the vessel is under at end of watch.
A,M	*	ш.								•	•				
1				wsw	1-2	29.9	84	85	82		bcl	Cir Cum	1		
2				"	2	29.9	. 04	"	"		"	"	6		
3				u	0-1	"	"	и	"		Вс	u	4		
4				ш	"	29.9	83	84	"		"	u	5		
5				SW	u	29.9		83	"		u	u	3		
6				"	ш	29.9		"	44		ш	"	"		
7				u	"	29.9		"	"		"	u	5		
8				WSW	"	30.0		85	"		"	u	6		
9				WNW	1-2	29.9		и	84		"	u	7		
10				N	ш	29.9	7 86	88	86		ш	u	8		
11				u	2	29.9	87	89	"		"	u	"		
Noon				u	"	"	88	90	"		"	u	"		
Distan	ce run	by Lo	og since pre	ceding Noon							knots		fathoms	<b>3</b> .	
Latitud	de by [	D. R. a	at Noon								0			ш	
Longit	ude by	/ D. R.	. at Noon								0			44	
Latitud	de by (	Observ	vations at N	oon ⊙							0	•		ш	
Longit	ude by	/ Chro	nometer fro	m Forenoon	Observati	ons ⊙					0	•		ш	
Curre		-		knot			er hour,	setting to	the						
				Amplitude ⊙		at Sunrise					0	66		ш	
				Azimuth ⊙ ob							0	66		и	
	exper	nded d	luring the pr	eceding 24 h									350 g	allons.	
Water					_	he precedi	ng 24 ho	urs							
		-		or me at Nooi									225		
				eceding 24 h	ours						74	tons	275	lbs.	
Coair	emaini	ing on	hand at No	oon							71		90		
P,M															
1				N	1	29.9	88	91	87		bc	Cir Cum		9	
2				"		"	"	92	88		"	"		"	
3				SE	"	29.9	1 90	94	90		ш	u		ш	
4				ш	2	"	u	92	88		и	u		ш	
5				ш	"	29.9	2 92	91	87		и	u		ш	
6				"	u	29.9		"	86		ш	u		8	
7				"	u	29.8	90	89	"		ш	"		7	
8				ш	0-1	u	89	и	"		u	u		ш	
9				Calm	0	29.9	98	88	84		bcl	Cum Nim	nb	4	
10				u	"	29.9	86	"	"		bclt	u		2	
11				SSW	2	"	"	86	82		bcplt	u		"	
Mid.				NNE	u	29.9	6 "	"	"		orlt	u		0	
Longit	ude by	/ Chro	nometer fro	m Afternoon	Observat	ons ⊙					0	4		"	
Longit	ude by	/ Chro	nometer Ob	oservations					*		0			"	
Variat	on of t	the Co	ompass by A	Amplitude			observe	d at Sun	set		0			"	
Variat	on of t	the Co	ompass by				а	t			0	•		"	

Commences and until 4 A.M. Cloudy. Pleasant. Light airs from W.S.W. Cir. Cum. clouds. Ebb tide. Barometer rising slowly.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Pleasant. Cloudy. Light S.W[ester]ly airs. Ebb tide. By order of Commanding Officer, Wm Barker was confined in double irons, for five days, for absenting himself from the ship without permission. Barometer rising.

(Signed) Richard G. Davenport

From 8 to Merid. Clear. Warm. Light N[orther]ly breeze. Cir. Cum. At 9.15 exercised at General Quarters. Time in casting loose. Navigators and Surgeon's Div's 9h. 16m. 30s. 2<sup>nd</sup> Div, 9h. 18m. 00s. 1<sup>st</sup> Div, 9h. 20m. 00s. Powder Div, 9h. 20m. 30s. Time in securing – Secure! 9h. 36m. 00s. Navigator Div, 9h. 34m. 00s. Powder Div, 9h. 35m. 30s. 2<sup>nd</sup> Div 9h. 35m. 45s. 1<sup>st</sup> Div, 9h. 36m. 00s. Surgeon's Div, 9h. 35m. 30s. By order of Commanding Officer, John Horrigan (Lds) and C.M. Thompson (Lds C.F.) are declared deserters, they having been absent from the ship ten days without leave. By order of Commanding Officer, Henry Merault (W.R.C.) was placed in double irons, for five days, for being drunk and neglecting duty. Flood tide. Frank Maguire (2r M) left the ship on seven days leave of absence.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear. Warm, with light variable airs. At 1 made interrogatory signal 2984. "Franklin" answered 904. Ebb tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Warm. Light S.E. breeze. Cir. Cum. clouds. Henry Simpson (2.C.F.) left the ship on seven days leave of absence. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Cloudy and sultry first part. Calm. Heavy showers of rain last hours. Light breeze from N.N.E. Flood tide. Barometer rising.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINE	os.	BAROM	ETER.	TE	MPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				S	3-9	29.97	82	80	78		orbtq	Nimb	0		
2				ű	3-11	"	80	79	77		"	"	"		
3				SE	1-4	u	79	"	"		bcl	Cum	8		
				"		и			"			Nimb "			
4					1-2		78 "	78	"		bc "	"	9		
5				Calm "	0	29.98		79				"	8		
6						30.00	"	80	78		"	"	8		
7				W	0-1	30.01		82	80		и	Cir Cum	6		
8 9				NNW N	3	30.04	80 81	"	u		и	"	4 5		
10				Calm	0	u	82	84	82		"	u	4		
11				"	"	30.03	83	85	83		"	u	7		
Noon				SSW	2	30.03	84	87	84		"	u	6		
140011				0011	2	30.01	04	01	04				Ü		
Distan	ice run	n by Lo	oa since pre	eceding Nooi	n						knots		fathoms		
			t Noon	g							0			ш	
			. at Noon								0			u	
_			vations at N	loon ⊙							0			"	
				om Forenoor	Observati	ons ⊙					0			"	
Currer				kno		fms. per	hour, se	etting to	the						
Variat	ion of t	the Co	mpass by	Amplitude ⊙	observed	at Sunrise		•			0	44		**	
				Azimuth ⊙ o							0	66		u	
Water	exper	nded d	luring the pi	receding 24	hours								350 g	allons.	
Water					during	the preceding	24 hou	rs						u	
Water	remai	ining o	n hand fit fo	or me at Noc	n								190	) "	
Coal	onsun	ned du	uring the pre	eceding 24 h	iours							tons	275	lbs.	
Coal r	emaini	ing on	hand at No	oon							70	ш	2075	и	
P,M															
1				WSW	2	29.99	84	90	86		bc	Cir Cum		4	
2				SW	и	29.95	86	92	87		44	и		6	
3				WSW	и	29.92	87	93	88		"	u		8	
4				W by S	и	29.90	91	94	"		ш	"		u	
5				WSW	и	29.88	ш	93	90		ш	u		u	
6				ш	и	29.86	44	92	89		44	u		6	
7				и	u	"	"	93	88		44	"		3	
8				SSW	и	29.90	90	91	86		44	"		2	
9				и	и	29.94	89	89	85		bcl	"		5	
10				ш	2-3	"	87	87	44		"	"		и	
11				NW	2		86	86			bcpl	Nimb		6	
Mid.				"	1	"	"	"	"		ш	u		3	
											0				
_				om Afternoor	n Observat	ions					0	,		"	
-	-	•		bservations				*			0				
			mpass by A	Amplitude		ok		at Suns	et		0	•			
Variat	ion of t	the Co	mpass by				at				0	•		"	

Commences and until 4 A.M. Heavy thunder and rain squalls S. first two hours, clear and bright moonlight latter half of watch. Cum. Nimb. clouds. Wind shifted to S.E. latter part of watch. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy and Warm. Calm during first part, light breeze from N. and W. during last two hours. At 7.30 made interrogatory signal 7071. "Franklin" answered 904. At 8 crossed royal yards. Barometer rising slowly.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and warm. Calm. Light variable airs. At 9.30 inspected at quarters. Exercised at battalion drill. By order of Commanding Officer, Lieutenant James K. Cogswell was suspended from duty for sleeping on his watch and intoxication. Flood tide. Barometer falling. John L. King (B.M.) absent without leave.

(Signed) William H. Allen Mid[shipma]n.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from S. and W. Ebb tide. Thomas C. Pentz (O.S.2.C.) and Frank L. Handly (1.C.B.) left the ship on seven days leave of absence. By order of Commanding Officer, Maurice Ronan (C.F.C.) Charles C. Wiggins (Sea) S. S. Spratt (Lds) and John C. Gable (O.S.2.C.) are declared deserters, having been absent without leave for ten days.

(Signed) W. G. Hannum Midn.

From 4 to 8 P.M. Clear. Warm. Light airs from W.S.W. At 6.30 made interrogatory signal 6070. "Franklin" answered 904. At sunset sent down royal yards and made preparations for dressing ship. Ebb tide.

(Signed) T.D. Griffin Midn

From 8 to Midnight. Warm, with W[ester]ly and NW[ester]ly breeze. Lightening, with passing showers of rain third hour of watch.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TE	MPERATI	JRE.	State of	Forms of	_		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	·	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	oky, in lutins	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1				Calm	0	2	29.95	83	83	80		oplt	Cum	0			
2				"	"			"	"	"		orlt	Nimb "	"			
3				ш	"	9	29.96	81	82	и		bc	Cir Cum	6			
4				ш	u			"	81	"		"	"	7			
5				WNW	1	2	29.97	80	"	и		"	и	8			
6				"	2		29.98	"	80	79		и	u	9			
7				ш	"		30.02	79	"	"		b	None	10			
8				W by N	"		30.03	"	81	80		u	u	"			
9				NW by N	"		30.03	82	84	81		"	u	"			
10				"	"	3	30.02	83	80	82		bc	Cum	7			
11				ш	"	"		84	88	84		u	ш	6			
Noon				N by N	"	2	29.98	86	89	ш		u	u	5			
Distan	ice rur	n by Lo	og since pre	ceding Noon								knots		fathoms	S.		
Latitud	de by I	D. R. a	at Noon									0	•		6		
Longit	ude b	y D. R	. at Noon									0	4				
Latitud	de by	Obser	vations at N	oon ⊙								0	4				
Longit	ude b	y Chro	nometer fro	m Forenoon	Observati	ions ⊙						0	•		6		
Currer	nt duri	ng the	time	knot	s	fm	ns. per h	nour, se	tting to t	the							
				Amplitude ⊙ o			rise					0	6	4			
Variati	ion of	the Co	mpass by A	Azimuth ⊙ ob	served at							0	6	•			
		nded d	luring the pr	eceding 24 h										400 g	gallons		
Water					during	the pred	ceding	24 hour	S						•		
				or me at Noor										150			
				eceding 24 ho	ours							70	tons	275	lbs.		
Coal r	emaın	iing on	hand at No	oon								70		1800	-		
P,M																	
1				NNW	2	2	29.97	86	86	85		bc	Cum		9		
2				"	"		29.98	87	89	"		"	"		8		
3				и	"		29.96	88	"	ш		"	u		9		
4				N by E	3	"		u	44	86		"	Cir Cum		"		
5				u	"	2	29.97	"	ш	и		u	u		"		
6				u	"	2	29.98	"	88	и		u	u		8		
7				u	ш	2	29.99	87	86	83		u	и		"		
8				ш	**	3	30.02	"	85	82		u	u		"		
9				u	"	3	30.04	86	84	и		"	ш		9		
10				ш	2	3	30.06	84	82	80		u	u		"		
11				u	"	"	4	80	80	u		"	"		"		
Mid.				ee	и	"		u	u	u		u	u		u		
Longit	ude b	y Chro	nometer fro	m Afternoon	Observati	ions ⊙						0	4				
Longit	ude b	y Chro	nometer Ob	oservations					*	ķ		0		4			
Variati	ion of	the Co	mpass by A	Amplitude			ob	served	at Suns	et		0		4			
Variati	ion of	the Co	mpass by					at				0		4			

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and rainy first part. Clear and pleasant latter part. Bright moonlight.

(Signed) William H. Allen Midn.

From 4 to 8 A.M. Clear. Warm. Light W.N.W. breeze. Cir. Cum. clouds. At sunrise dressed ship, rainbow, in honor of the day.

(Signed) Richard Henderson Midn.

From 8 to Merid. Clear, warm and pleasant. Light breeze from N. and W. Flood tide. At 8.55 Lieutenant Wainwright Kellogg returned from leave. At 9.15 inspected at quarters. John L. King (B.M.) was brought on board by city police. At Merid, "Franklin" fired national salute of 21 guns. (Signed) W.G. Hannum

From Merid. to 4 P.M. Clear, warm and pleasant. Light breeze from N.N.W. first three hours, last hour from N. by E. Cir. Cum. clouds. Tide turned at 3.50. Barometer steady last two hours.

(Signed) T. D. Griffin Midn.

From 4 to 8 P.M. Clear. Cool. Pleasant. Cir. Cum. clouds. Ebb tide. James Bryson (O.S.) left the ship for seven days leave. By order of Commanding Officer, John O' Niel (C.F.T.) was placed in double irons for striking a person.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant, with light breeze from N. and E. Barometer falling slowly.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS			BAROME	TER.	TE	MPERATU	JRE.	State of	Forms of			State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	n 10th:	of the Sea.	Record of the sail the vessel is under at end of watch.
	×	iii									-	•			0)		
A,M																	
1				SW "	0-1 "		30.06	79 "	78 "	76 "		bc "	Cir Cum				
2					"			"		"				7			
3				"	"		"	"	"	"		"		5			
4																	
5				SW "	"		30.08	76 "	77 "	75 "			"	9			
6				u	u		30.10 30.11	и	"			"	u	8			
7				ш	u					76 70		и	и	7			
8				Colm	0		30.14	78 "	79 80	78 79		и	и	6			
9 10				Calm "	"		30.13	79	81	80		и	и	5			
11				SW	0-1		30.13 "	80	82	"		"	u				
Noon				WSW	"		30.11	"	83	u		u	u	6			
110011				WOW			30.11		00					Ü			
Distan	ce run	bv Lo	a since pre	ceding Noon								knots		fathom	s.		
Latitud			-	3								0			"		
	•		at Noon									0			44		
			ations at N	oon ⊙								0			44		
				m Forenoon	Observati	ons @	9					0			и		
Curren	t durir	ng the	time	knot	S	f	ms. per h	our, se	tting to t	he							
Variati	on of t	he Co	mpass by A	Amplitude ⊙ d	bserved	at Sui	nrise					0		4	и		
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		4	и		
Water	expen	ided di	uring the pr	eceding 24 h	ours									300	gallons		
Water					during	the pr	eceding :	24 hour	s						"		
Water	remaiı	ning o	n hand fit fo	or me at Noor	1									120	00 "		
Coal c	onsum	ned du	ring the pre	eceding 24 ho	urs								tons	275	lbs.		
Coal re	emaini	ing on	hand at No	on								70	44	1522	и		
P,M																	
1				S	1		30.10	82	84	82		bc	Cir Cum		5		
2				SE	u		30.07	и	85	83		ш	"		u		
3				SSE	"		30.05	83	86	ш		44	u		6		
4				ш	u		30.01	84	и	ш		44	u		u		
5				и	u		29.95	и	83	82		44	и		7		
6							"	83	"	"					3		
7					"		29.			-					2		
8								"	82	81							
9				SW by S	2		"	82	81	80			Cum Nii	nb	0		
10				SW				80	80	78 "					3		
11				SSE "			29.95	79							6		
Mid.				-	1		29.96	u	-	-			•		5		
1"	ا ماما	, Ch-		A 64 a	Ohac · · ''							0			и		
				m Afternoon	observati	ons (	9			_		0		,			
-				oservations					*			0					
			mpass by A	amplitude			ob		at Sunse	εť		0		4			
variati	on of t	ne Co	mpass by					at				-					

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, with light S. W[ester]ly airs.

(Signed)Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Light S. W[ester]ly airs. Ebb tide. At 7.50 made interrogatory signal 6071 to "Franklin", answered 904. At 8 crossed royal yards.

(Signed) William H. Allen Midn.

From 8 to Merid. Clear. Warm. Calm. Cir. Cum. clouds. At 9.15 inspected at quarters. Exercised Company A. Company B. By order of Commanding Officer, John Mason (Mach) W. D. Jenkins (O.S.2.C.) Wm Barker (Lds) and Henry Merault (W.R.C.) were released from confinement and sent to duty. Michael Leary (Lds E. F.) A. McGarvey (B. Maker) Allen Christian (Nurse) and W. G. Norwood (O.S.) absent without leave. By order of Commanding Officer, Lieut. Jas. K. Cogswell was released from suspension. By order of Commanding Officer, W. G. Smith (OS2C) and James Gillespie (OS2G) prisoners at large, returned to duty. Broke out shot locker and cleaned out after bilge. Got up sounding apparatus. Charles V. Tucker, Pay Yeoman, was discharged at his own request, and left the ship.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light airs from S. and E. Flood tide. Barometer falling.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear. Warm. Light S.S.E. breeze. Cir. Cum. clouds. At 6.45 made interrogatory signal 2985. "Franklin" answered 904. At sunset sent down royal yards.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Overcast first part, afterwards clear and pleasant. Light variable breeze. Lightening to W. first part. Ebb tide.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	3.	BA	ROMETER.		TEMPERAT	TURE.	State of	Forms of	<u>-</u>	. Sta	ate
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Feeway. In inche	att'd	r. Air I. Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	on the Se	Record of the sail the vessel is
A,M	_	-									•				
1				SSE	2	29.9	2 80	81	79		ho	Cir Cum	5		
2				33E "	<u>د</u> «	29.9			79 78		bc "	"	4		
3				и	u	29.9			76 77		и	u	3		
				44				19	<i>"</i>			Cum			
4					3	29.8	9				or "	Nimb "	0		
5				S by W	1	29.9							"		
6				SW "	"	29.8	8 77				0				
7						"					"	"			
8				WNW				80							
9				N "	2	29.8					"				
10				ш	"	29.9	0 "		"						
11				u	3	"	79		79		bc "	"	1		
Noon					3		79		79				2		
Dietar	oce rui	n by Lo	na eince nr	eceding Noon							knots		fathoms		
		•	it Noon	eceding Noon							0			». «	
			at Noon								0		4	"	
			ations at N	Noon @							0		4	"	
				om Forenoon	Observat	ions ①					0		4	"	
		ing the		knot			er hour.	setting to	o the						
		-		Amplitude ⊙			,				0			"	
				Azimuth ⊙ ob							0			"	
				receding 24 h									300 c	allons.	
Water				ŭ		the preced	ing 24 ho	ours					150		
Water	rema	ining o	n hand fit f	or me at Noo	_		•						90	0 "	
				eceding 24 ho								tons	275	lbs.	
Coal	remain	ning on	hand at N	oon							70	ш	1250	"	
P,M															
1				N	2	29.8	7 78	81	79		bc	Cum Nin	nb	1	
2				N by E	3	"	80	82	80		u	"		"	
3				u	"	"	u	и	u		"	Cir Cum		"	
4				NNE	4	"	"	"	44		u	"		"	
5				ш	3	29.8	9 "	u	и		u	"		5	
6				ш	"	"	81	и	"		u	"		4	
7				ш	ш	"	80		"		u	u		6	
8				и	2	29.9			79		u	Cum "		9	
9				и	"	29.9		80	44		ш			"	
10				NE		29.9					b	None		10	
11					"	"	77 - "	"	"		"	"		u	
Mid.				NNE		29.9	5 "	и	44		**			*	
		01			01						0		,	"	
_				om Afternoon	Observa	tions ©					0	,			
_				bservations			-1	-1-10	*		0				
				Amplitude				ed at Sur	nset		0				
Variat	ion of	the Co	mpass by				· ·	at			·				

Commences and until 4 A.M. Clear first three hours of watch, during last hour overcast. Light S.S.E. breeze. Cir. Cum. Nimb. clouds. Flood tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy. Pleasant. Light airs from S. and W. Rainy first hour of watch. At 7.45 made interrogatory signal 5456. "Franklin" answered 904. At 8 loosed sail. Ebb tide.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Merid. Cloudy. Pleasant. Light breeze from S. and W. shifting to N. At 9.30 inspected at quarters. Expected at fire quarters. At 9.40 made interrogatory signal 4826. "Franklin" answered and made 904. At 9.45 furled sail. Workmen from Construction Department engaged in removing floor of after shot locker.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy, warm and pleasant. Light breeze from N. and E. Master C. G. Calkins reported for duty. At 1.30 a Summary Court Martial, composed of the following officers. Lieut. Jas. K. Cogswell, Lieut. Wainwright Kellogg, Ensign Samuel C. Lemly and Asst. Engineer Geo. B Ransom convened for the trial of W. J. Lindon (O.S.2.C.) Ed Moran (1.C.B.) J. V. Marion (1.C.B.) and John O' Neil (C. of Top) At 3.15 made interrogatory signal 2984. "Franklin" answered 904. Received 1500 galls, fresh water. Flood tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from N.N.E. Flood tide. By order of Commanding Officer, James Sutton (2.C.F.) stood half and hour on quarter deck. At 4.20 Court Martial adjourned.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from N. and E. Ebb tide.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	b.		BAROME	TER.	TE	MPERATI	JRE.	State of	Forms of	_	. s	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	E 1	Record of the sail the vessel is under at end of watch.	;
A,M	×	ш										-		-	•		
				NE	4		20.05	70	77	75		ho	Cum	0			
1				NE "	1	4	29.95	78 76	77 76	75 74		bc "	Cum "	9			
2				u	ш		29.96	76 74	76 "	74 75		и	и	"			
4				ш	"			"	"	"		44	Cir Cum	. "			
5				NNE	u	-	29.99	"	44	"		ш	"	"			
6				"	"		30.02	75	"	"		и	u	"			
7				N	"		30.06	76	77	76		и	и	"			
8				ш	2		30.09	"	"	"		ш	u	"			
9				NNE			30.10	"	"	"		"	u	"			
10				u	3	"		44	44	77		ш	u	8			
11				ш	"	3	30.11	77	79	"		"	u	5			
Noon				NE	"	"		"	"	"		и	u	u			
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	s.		
Latitud	le by [	D. R. a	t Noon									0			*		
Longit	ude by	/ D. R.	at Noon									0		4	"		
Latitud	le by C	Observ	ations at N	oon ⊙								0		4	"		
Longit	ude by	/ Chro	nometer fro	m Forenoon	Observati	ions ⊙						0			"		
Currer	t durir	ng the	time	knot	s	fm	ns. per h	our, se	tting to t	he							
Variati	on of t	he Co	mpass by A	Amplitude ⊙	observed	at Sunr	rise					0		ee	**		
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		ee	**		
Water	expen	ided di	uring the pr	eceding 24 h	ours									300	gallons.	i.	
Water					during	the pre	ceding 2	24 hour	s						"	•	
		-		or me at Noor										210	00 "	ii.	
Coal c	onsun	ned du	ring the pre	eceding 24 ho	ours								tons	275	lbs.		
Coal re	emaini	ing on	hand at No	on								70	es	975	и		
P,M				EN E			00.40	70							_		
1				ENE "	3		30.10	78 "	79	77 "		bc "	Cum "		5		
2									80								
3 4				и	44		30.11	4	44	44		ш	u		8		
5				u	44		,	"	"	"		ш	"		9		
6				u	"			44	44	78		u	u		"		
7				ш	2	"		77	79	"		ш	u		"		
8				E by N	"	9	30.12	"	"	"		ш	u		"		
9				"	1		30.15	"	77	76		u	и		"		
10				u	"		30.16	"	"	"		u	и		"		
11				ш	"		30.17	44	44	44		ш	u		"		
Mid.				u	"		30.16	"	"	75		b	None		10		
						·				-		-			-		
Longiti	ude by	/ Chro	nometer fro	m Afternoon	Observat	ions ⊙						0			"		
-				servations					*	:		0		4	и	и	
-			mpass by A				obs	served	at Sunse			0		4	"	и	
			mpass by					at				0		4	и	и	

Commences and until 4 A.M. Clear, cool, with light N.E[aster]ly airs. By order of Commanding Officer. Allen Christian (Nurse) stood four hours extra watch on quarter deck.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Light breeze from N. and E. At 6.30 Francis E. Cross (Eng. Yeo.) returned from leave of absence.

(Signed) Richard Graham Davenport Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from N. and E. At 8.30 "Ossipee" moored to Navy Yard Wharf. W. G. Norwood (O.S.) returned from liberty, having been absent four days without permission. Carpenters gang from Navy Yard engaged in cleaning the bilge. Ebb tide.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N. and E. Flood tide. Yard men engaged in cleaning bilge. At 3 Lieut. R. G. Davenport left the ship, having been detached by order of Navy Department. By order of Commanding Officer, Patrick Mourley (O.S.2.C.) and Francis Shields (O.S.2.C.) are declared deserters, having been absent from the ship ten days without leave.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear and pleasant. Light airs from N. and E. Pass. Asst. Paymaster S. Denison Hurlburt left the ship on leave of absence for one week. Engaged in cleaning bilge. Ebb tide.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant. Light airs from N. and E. Ebb tide. Barometer steady.

(Signed) Wainwright Kellogg
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

Control   Cont					WINDS	S.	BAF	OMETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Manual	Hour	knots	-athoms.	Courses steered.	Direction.	Force.	Heigh in inches	att'd.	Dry	Wet	at	the Weather by	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	
Calm		_	_								·	•				
					Colm	0	20.1	2 74	74	72		h	None	10		
S													wone.			
S					"	u	"					u	ш	"		
Second					u	u	"					hem	Cir Cum	۵		
No.	-				ш	u	30.1	3 70								
SE					ш	u				72		"	ш			
8 SE 0-1 30.20 72 74 4					u	u						bc	u			
See					SE	0-1							u			
10										"		"	u	"		
Solidance run by Log since preceding Noon	10					u	ш			77		u	u	"		
Distance run by Log since preceding Noon	11				u	u	30.1	9 77	78	u		u	u	"		
Latitude by D. R. at Noon  Longitude by Chronometer from Forenoon Observations ○  Longitude by Chronometer from Forenoon Observations ○  Current during the time	Noon				u	u	30.1	3 78	81	78		"	u	"		
Latitude by D. R. at Noon  Longitude by Chronometer from Forenoon Observations ○  Longitude by Chronometer from Forenoon Observations ○  Current during the time																
Latitude by D. R. at Noon  Longitude by Chronometer from Forenoon Observations ○  Longitude by Chronometer from Forenoon Observations ○  Current during the time																
Latitude by Dr. R. at Noon  Latitude by Observations at Noon ©  Longitude by Chronometer from Forenoon Observations ©  Current during the lime  knots  fms. per hour, setting to the  Variation of the Compass by Amplitude © observed at Survise  Variation of the Compass by Amplitude © observed at Survise  Variation of the Compass by Amplitude © observed at Survise  Variation of the Compass by Azimuth © observed at Survise  Variation of the Compass by A	Distan	ice rur	n by Lo	g since pre	eceding Noon							knots		fathoms.		
Latitude by Observations at Noon ©	Latitud	de by I	D. R. a	t Noon								0	4		ш	
Longitude by Chronometer from Forenoon Observations © " " " " " Current during the time	Longit	ude b	y D. R	at Noon								0	4		ш	
Current during the time	Latitud	de by	Observ	ations at N	loon ⊙							0	4		ш	
Variation of the Compass by Amplitude ⊚ observed at Sunrise  Variation of the Compass by Azimuth ⊗ observed at  Variation of the Compass by Azimuth ⊗ observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  Variation of the Compass by Amplitude ⊕ observed at Sunsier  Variation of the Compass by Amplitude ⊕ observed at Sunsier  Variation of the Compass by Amplitude  Variation of the Compass b	Longit	ude b	y Chro	nometer fro	om Forenoon	Observat	ions ⊙					0	•		и	
Variation of the Compass by Azimuth & Observed at Surise*           Variation of the Compass by Azimuth & Observed ing 24 hours         ° 1300 gallons.           Water expended during the preceding 24 hours         300 gallons.           Water remaining on hand fit for me at Noon         1 1800 °         ° 1800 °           Coal consumed during the preceding 24 hours         5 1800 °         ° 700 °         ° 700 °           P,M           1         Calm 0         30.17 80 82 79         bc         Cir Cum 9         9           2         NNE 1-2 30.15 81 °         80 81 °         80 °         ° 12 °         ° 12 °           3         ENE 2 30.13 82 83 81 °         80 °         ° 12 °         ° 12 °         ° 12 °           4         SE 9 °         30.07 °         ° 18 80 °         ° 10 °         ° 10 °         ° 10 °           5         SSE 9 °         9 °         ° 10 °         ° 10 °         ° 10 °         ° 10 °           7         1 °         80 81 °         ° 10 °         ° 10 °         ° 10 °         ° 10 °           8         9 °         82 79 °         ° 10 °         ° 10 °         ° 10 °         ° 10 °           8         ° 1 °         80 81 °         ° 10 °         ° 10 °	Currer	nt duri	ng the	time	knot	ts	fms. p	er hour, s	etting to	the						
Water expended during the preceding 24 hours  Water remaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  Coal consumed during the preceding 24 hours  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  P,M  1	Variati	ion of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise						6	ı	и	
Water remaining on hand fit for me at Noon         1800         "           Coal consumed during the preceding 24 hours         tons         1800         "           Coal remaining on hand at Noon         Coal remaining on hand at Noon         To start the preceding 24 hours         To start the preceding 24 hours         tons         1800         275         Ibs.           Coal remaining on hand at Noon         Coal may be a start the preceding 24 hours         To start the preceding 25 hours							t					0	6		и	
Mater remaining on hand fit for me at Noon   tons   coal consumed during the preceding 24 hours   tons   275   lbs.			nded d	uring the p	receding 24 h									300 ga	illons.	
Coal consumed during the preceding 24 hours						_	the precedi	ng 24 hou	irs						"	
P,M  1																
P,M  1						ours									lbs.	
1	Coal r	emain	iing on	hand at No	oon							70		700		
1																
1	DM															
NNE					Calm	0	30.1	7 80	82	70		hc	Cir Cum		2	
3 ENE 2 30.13 82 83 81 " " " " " " " " " " " " " " " " " "																
SE									83			ш	"			
SSE												"	ш			
6 SE by S " " " " " " " b None 10 7 " " " " 82 79 " " " " " 8 " " " 80 81 " " " " " " " " " " " " " " " " " "	5					u	"		"	80		"	u			
7 " " " 82 79 " " " " " " " " " " " " " " " " " "	6					"	"	44	"			b	None		10	
9 SSE " 30.06 79 80 78 " " " " " 10 " " 11 S " 30.07 76 77 74 " " " " " " " " " " " " " " " " "	7					u	и	"	82	79		ш	ш			
10 " " " 78 78 75 " " " " " " 11  S " 30.07 76 77 74 " " " " " " " " " " " " " " " " "	8				и	"	"	80	81	u		"	u			
11 S " 30.07 76 77 74 " " " " " " " " " " " " " " " " "	9				SSE	"	30.0	5 79	80	78		"	u			
Mid. " " 75 " " " " " " " " " " " " " " " "	10				ш	"	"	78	78	75		"	u			
Longitude by Chronometer from Afternoon Observations ©  Longitude by Chronometer Observations  *  Variation of the Compass by Amplitude  *  *  *  *  *  *  *  *  *  *  *  *  *	11				S	"	30.0	7 76	77	74		u	ш			
Longitude by Chronometer Iron Attendor Observations *	Mid.				44	"	"	"	75	u		"	u			
Longitude by Chronometer Iron Attendor Observations *																
Variation of the Compass by Amplitude observed at Sunset of the Compass by Amplitude observed obse	Longit	ude b	y Chro	nometer fro	om Afternoon	Observat	tions ⊙					0			ш	
variation of the Compass by Amplitude observed at Sunset	Longit	ude b	y Chro	nometer O	bservations					*		0			u	
Variation of the Compass by at " " "	Variati	ion of	the Co	mpass by	Amplitude			observed	l at Suns	set		0		ı	u	
	Variati	ion of	the Co	mpass by				at				0		ı	u	

Commences and until 4 A.M. Clear. Cool. Pleasant. Calm. Misty last hour. Flood tide.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Misty. Calm. Cir. Cum. clouds. Ebb tide.

(Signed) C. G. Calkins Master.

From 8 to Merid. Clear and pleasant. Light airs from S. and E. Ebb tide. At 10, Commanding Officer inspected ship and crew at quarters, afterwards read prayers. Lieutenant Commander John Schouler returned from leave. H.M. Flint (P.M.) and Ed Case (Corp) absent without leave. (Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear. Warm. Light airs from N.N.E. shifting to S.E. at end of watch. Cir. Cum. clouds. Flood tide.

(Signed) C. G. Calkins Master

From 4 to 8 P.M. Clear and pleasant. Light breeze from S. and E. Tide turned ebb at 8. At 7 made interrogatory signal 2985. "Franklin answered 904. By order of Commanding Officer, James Suston (L.C.F.) stood one hour and a half extra watch on quarter deck.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Midnight. Clear. Pleasant. Light S.S.E. breeze. Bright starlight. Ebb tide.

(Signed) C. G. Calkins Master.

(Signed) Asa Walker, Lieut. Navigator.

		WINDS.			BAROMETER.			MPERATI	JRE.	State of	Forms of		s	ate						
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	t t	of R he ea.	ecord o	of the e		
A,M	_	_									•	•								
				S	1		30.08	74	74	74		h	None	10						
1 2					1		30.06	"	73	74 72		b "	None "	"						
3				и	ш			73	"	"		u	и	"						
4				44	"		30.06	"	"	"		"	"	"						
5				SSE	u		30.08	72	"	"		bc	Cir Cum	7						
6				SSW	u		"	"	"	"		"	"	8						
7				"	u		30.06	u	"	73		"	"	9						
8				"	u		30.04	74	78	75		"	"	"						
9				WSW	u		30.00	78	81	77		"	"	"						
10				"	u		29.99	79	"	79		"	"	"						
11				и	2		29.95	80	85	84		u	u	"						
Noon				и			29.93	82	88	"		u	u	"						
							20.00	02	00											
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathoms	<b>S</b> .					
Latitud	le by E	D. R. a	t Noon									0		4	"					
Longit	ude by	/ D. R.	at Noon									0		4	и					
Latitud	le by C	Observ	ations at No	oon ⊙								0		4	и					
Longit	ude by	/ Chro	nometer fro	m Forenoon	Observati	ons ⊙						0		4	и					
Longitude by Chronometer from Forenoon Observations ⊙  Current during the time knots fms. per hour, setting to the																				
Variati	Variation of the Compass by Amplitude ⊙ observed at Sunrise														ш					
Variati	Variation of the Compass by Azimuth ⊙ observed at											0			ш					
Water	expen	nded di	uring the pre	eceding 24 h	ours									300 g	allons.					
Water					during t	the pre	eceding 2	24 hour	S						"					
Water	remai	ning o	n hand fit fo	r me at Noon										150	0 "					
Coal c	onsun	ned du	ring the pre	ceding 24 ho	urs								tons	275	lbs.					
Coal re	emaini	ing on	hand at No	on								70	и	325	u					
DM																				
P,M 1				SW	1		29.90	84	88	84		bc	Cir Cum		9					
2				"	"		29.86	86	90	86		"	"		"					
3				u	"		29.85	88	91	87		ш	u		"					
4				u	"		29.82	"	"	"		u	"		ш					
5				44	"		29.80	89	"	"		ш	"		u					
6				u	44		29.78	90	90	86		"	u		"					
7				и	"		29.79	89	"	"		"	u		"					
8				и	"			"	89	44		"	u		"					
9				u	44		29.99	86	87	84		"	Cum		"					
10				и	"			"	85	83		"	"		"					
11				u	"		29.81	85	84	82		"	"		u					
Mid.				ш	3		29.84	"	82	80		ш	"		"					
Mid. " 3 29.84 " 82 80 "																				
Longitude by Chronometer from Afternoon Observations ⊙												0		•	"					
Longit	ude by	/ Chro	nometer Ob	servations					*	:		o		•	"					
Variati	on of t	the Co	mpass by A	mplitude			obs	served a	at Sunse	et		0		•	"					
Variati	on of t	the Co	mpass by					at				0		•	"					

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from S. Flood tide.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and cool. Light airs from S.S.W. Flood tide. At 7 made interrogatory signal 5455. "Franklin" answered 904. At 8 loosed sail.

> (Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear. Warm. Light S.S.W. breeze. Cir. Cum. clouds. Turned ebb at 8. At 9.15 inspected at quarters. Exercised 1<sup>st</sup> and 2<sup>nd</sup> Divisions at great gun, Powder Division at stations, Marine Guard at small arms. Men from Navy Yard at work in after bilge and in engine room.

(Signed) C. G. Calkins

Master.

From Merid. to 4 P.M. Clear and warm. Light S.W[ester]ly breeze. Ebb tide. At 12.55 made interrogatory signal 4826. "Franklin" answered 904. At 1 "Franklin" made preparatory signal 2984, and then 2984. Answered. At 1.15 furled sail. Hauled ship astern and secured temporarily. Barometer falling. M. Waverley Moore (1.C.B.) is declared a deserter, having been absent from the ship ten days without leave.

> (Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear. Warm. Light S.W. breeze. Cir. Cum. clouds. Dropped ship astern and secured her. Lieutenant Wainwright Kellogg left the ship, having been detached by order of Navy Department. Carpenter W.W. Richardson left the ship on seven days leave. High water at 8.

> (Signed) C. G. Calkins Master.

From 8 to Midnight. Clear and pleasant. Light S.W[ester]ly breeze. Ebb tide. Barometer rising. Lightening to N. first part of watch.

> (Signed) Samuel C. Lemly Ensign.

> > (Signed) Asa Walker, Lieut. Navigator.

			WINDS.		BAROMETER.			TEMPERATURE.			State of	Forms of		State		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	_									•	•				
				CCW	2		20.04	00	0.4	70		h	None	10		
1				SSW "	3		29.81	82	81	79 "		b	None	10		
2				и			u	81	44	"		bc "	Cir Cum	9		
3				и	1		20.00	80				"	"	44		
4 5				u	u		29.80 29.82	79 "	80 79	78 "		и	ш	"		
6				ш	"		29.84	80	"	"		"	u	"		
7				ш	u		29.0 <del>4</del>	82	80	"		u	"	"		
8				ш	2		29.85	"	82	80		"	"	8		
9				SW	"		"	"	83	"		"	"	"	"	
10				"	"		u	"	85	82		"	"	"	9	
11				u	"		29.83	84	88	85		u	u		"	
Noon				ш	"		29.82	86	90	87		"	u		"	
Distan	ce run	by Lo	g since pre	ceding Noon								knots	fa	athoms.		
Latitud				-								0	4		"	
Longit	ude by	/ D. R.	at Noon									0	4		"	
Latitud	le by C	Observ	ations at N	oon ⊙								0	4		ш	
Longit	ude by	/ Chro	nometer fro	m Forenoon	Observati	ons (	•					0	4		u	
Longitude by Chronometer from Forenoon Observations ⊙ ° ' "  Current during the time knots fms. per hour, setting to the																
Variation of the Compass by Amplitude ⊚ observed at Sunrise												0	и		u	
Variati	on of t	he Co	mpass by A	Azimuth⊙ obs	served at							0	и		"	
Water	expen	ided di	uring the pr	eceding 24 h	ours									400 ga	lons.	
Water		Recei	ved		during t	the pi	receding	24 hour	s					2200	и	
Water	remaiı	ning o	n hand fit fo	or me at Noor	1									2800	"	
Coal c	onsum	ned du	ring the pre	eceding 24 ho	ours								tons		lbs.	
Coal re	emaini	ing on	hand at No	on								70	ш	50	и	
P,M				0			00.70	00	00	00		h -	0:- 0	-		
1				S	1		29.78	89	92	88		bc "	Cir Cum	7		
2				"	44			88	44	"		44	"	5		
3				NI bu VAV	и		29.75	89					Cuma Nimah	3		
4 5				N by W NE by E	и		29.76	90 86	89 87	86 85		boltr	Cum Nimb	) 1		
6				SSW	44		29.77	"	"	"		bcp opl	u	0		
7				E	"		29.78	84	85	84		0	"	"		
8				"	"		29.81	"	"	83		bc	"	1		
9				Calm	0		29.83	82	82	80		оср	Nimb	0		
10				"	"		"	"	"	"		"	"	"		
11				44	и		u	"	"	"		ш	"	"		
Mid.				SW	1		29.84	"	u	"		"	и	"		
······a.				···			_0.04									
Longitude by Chronometer from Afternoon Observations ⊙ °														"		
-			nometer Ob						*	:		0			"	
-			mpass by A				ob	served a	at Sunse	et		0	4		и	
			mpass by	•				at				0	4		"	
			•													

Commences and until 4 A.M. Clear. Cool. Pleasant. Bright starlight. Turned flood at 1.30.

(Signed) C. G. Calkins

Master.

From 4 to 8 A.M. Clear and pleasant. Light airs from S.S.W. Flood tide. Barometer rising slowly. Construction Department engaged in cleaning and filling in after bilge. Two men at work.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and warm. Light S.W[ester]ly breeze. Ebb tide. Master M. E. Hall reported for duty. Engaged in breaking out hold. Turned the following articles into stores Viz. One manilla steam cable, two stay luffs, eight rigging luffs, one main yard tackle, one stay tackle, one stern ladder and four wire leaders for boat falls. Two men from Construction Department engaged in filling in bilge under shot locker. One plumber at work in magazine.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy and warm. Light airs from S. first part, last hour from N. and W. Received Daniel O'Hara (P.M.) from Marine barracks for duty aboard this ship. At 12.10 "Hartford" came in and moored on starboard bow, to stream buoys. At 3.40 a strong thunder squall, accompanied by rain, came up from the W. Flood tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Passing showers first two hours. Midm. W. G. Hannum left the ship on seven days leave of absence. At 6.30 made interrogatory signal 2985. "Franklin" answered and made 904.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Light passing showers. Calm, with occasional light airs from S.W.

(Signed) James K. Cogswell
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

	WINDS.			S.	BARO	ТІ	EMPERAT	IPERATURE. State of		Forms of		State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	y ≊≝	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	-									•				
1				Calm	0	29.88	80	80	79		bcl	Cum	2		
2				"	"	29.00 "	"	"	"		ű.	Nimb "	4		
3				u	u	и	"	"	"		ш	и	5		
4				"	u	ш	u	"	u		"	"	"		
5				u	u	u	79	"	80		bc	u	1		
6				ш	u	и	"	"	"		"	и	"		
7				SW	1	29.91	"	"	81		"	Nimb	0		
8				u	u	29.96	78	78	78		or	"	44		
9				ш	u	29.97	77	"	"		"	"	44		
10				Calm	0	29.95	"	"	77		"	"	44		
11				SE	1	ш	"	"	"		u	"	"		
Noon				S	u	29.94	u	"	76		"	"	"		
Distar	nce rui	n by Lo	g since pro	eceding Noon	l						knots		fathoms.		
Latitu	de by	D. R. a	t Noon								0		4	и	
Longi	tude b	y D. R.	at Noon								0		•	"	
Latitu	de by	Observ	ations at N	Noon ⊙							0		•	"	
				om Forenoon	Observat	ions o					0		4	и	
		ing the		knot		fms. pe	hour, se	etting to	the						
				Amplitude ⊙							0		"	ш	
				Azimuth ⊙ ob		t					0		44	и	
		nded d	uring the p	receding 24 h									300 ga	llons.	
Water					_	the preceding	g 24 hou	rs							
		-		or me at Nooi									2500		
				eceding 24 h	ours						00	tons "	275	lbs.	
Coarr	emair	iing on	hand at N	0011							69		2015		
P,M															
1				S	1	29.94	77	78	77		or	Cum Ni	mb (	)	
2				u	и	и	"	"	"		bcr	"			
3				ш	u	ш	78	80	78		bc	"			
4				и	"	29.92	"	"	"		"	"	2	2	
5				SSE	и	29.90	79	81	"		44	ш			
6				Calm	0	29.92	"	82	79		44	"	(	)	
7				и	и	29.95	"	80	"		"	"	4		
8				NNW	3	29.97	"	79	"		oqlr	ш	4		
9				N	2-4	29.96	u	78	78		bcp	"	6	6	
10				N by E	3	ш	77	78	77		u	u	4	ļ	
11				44	2-4	ш	76	76	76		ш	u	ţ		
Mid.				и	u	и	75	75	75		ш	u	3	3	
_				om Afternoon	Observat	tions					0				
_				bservations					*		0			ď	
				Amplitude		C	bserved		set		0			a e	
Variat	ion of	the Co	mpass by				at				·		•		

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy but pleasant. Calm. Lightening to N.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Overcast first, rainy latter part of watch. Cum. Nimb. clouds. Light S.S.W. breeze. Flood tide.

(Signed) M. E. Hall Master.

From 8 to Merid. Overcast, rainy and pleasant. Calm first part, light airs from S. and E. latter part of watch. Medical Inspector W.M. King examined John O' Neil (C. of T.) and found him capable of undergoing the punishment assigned by Summary Court Martial. Turned ebb at 10.

(Signed) James K. Cogswell Lieut. U.S.N.

From Merid. to 4 P.M. Overcast and rainy first part, partly clear latter part of watch. Ebb tide.

(Signed) M. E. Hall

Master.

From 4 to 8 P.M. Overcast and pleasant. Calm first part, fresh breeze from N.N.W. last hour of watch. Turned flood at 4.30. Heavy squall from N.N.W. last part of watch. At 7.20 called all hands to muster and the proceedings, findings and sentence of Summary Court Martial in the case of W. J. Lindon (O.S.2.C.) James V. Marion (1.C.B.) Ed Moran (1.C.B.) and John O' Neil (C. of T.) were read. W. J. Lindon, James V. Marion and E. Moran, for taking a boat from a schooner along side, absenting themselves without leave until apprehended and brought aboard by the police, were sentenced to one year deprivation of liberty on show on foreign stations and three months extra police duty. For the case of W. J. Lindon and Ed Moran, the punishment was remitted to six months deprivation of liberty on foreign stations and 30 days extra duty. John O' Neil (C. of F.) for assaulting and striking a shipmate and being disrespectful to his superior officer at the mast, was sentenced to 30 days confinement, on bread and water, with a full ration every fifth day and recommended to the clemency of the revising authority in consideration of previous good conduct. Sentence remitted to confinement for 15 days, with bread and water every fifth day. J. V. Marion (1.C.B.) Ed Moran (1.C.B.) and W. J. Lindon (O.S.2.C) were released from confinement, by order of Commanding Officer, and John O' Neil (C. of T.) placed in confinement to undergo sentence as above.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Pleasant weather, with light passing showers of rain. Gentle to moderate breeze from N. and E. Turned ebb at 10.20.

(Signed) M.E. Hall Master.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS.		BAROMETER.			TE	MPERATI	JRE.	State of	Forms of	_		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Feeway.		Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	SKy, III Tottis	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1				W	0-1	30.	n2	72	72	71		bc	Str Nimb	7			
2				"	U-1 "	30. "		"	"	"		"	"				
3				и	"	"		u	u	"		"	u	44			
4				и	"	"		"	u	и		"	u	"			
5				NW	2	30.	04	u	73	73		"	Cum	8			
					<i>"</i>		04	"		"		"	Nimb "				
6				NNW		30.	01		76 "					7			
7				N by E	ш	30.		74 75	u	74		"	и	4			
8				NE		"		75 70		75 70		"	u	3			
9				NNE "	3	"		76 77	77	76 "		"	u	4			
10				и	"			77	78 70	"		"	u	44			
11				и	u	30.		78 "	79 "	77		и	и	"			
Noon										//							
Dietan	ıca rur	hv I c	na since nre	eceding Noon								knots		fathoms	2		
			at Noon	ccuing 1400ii								0			J. "		
			. at Noon									0			"		
			vations at N	loon ①								0			"		
					Observat	ions ⊙						0			"		
	Longitude by Chronometer from Forenoon Observations ⊙  Current during the time knots fms. per hour, setting to the																
		-		Amplitude				u., 00	9 10 1			0	6	4	"		
				Azimuth ⊙ ob								0		4	"		
				receding 24 h										300 c	gallons.		
Water			annig and pr	.0004		the preced	dina 24	1 hour	s					000 8	,uo		
		inina a	n hand fit fo	or me at Nooi	_	o p. 000	g = .							220	00 "		
		-		eceding 24 h									tons	275	lbs.		
			hand at No		34.0							69	"	1740	"		
		Ü															
P,M																	
1				ENE	3	30.	08	79	80	77		bc	Cum Nim	nb	6		
2				ш	ш	u		"	u	ш		"	u		7		
3				"	"	30.	07	"	81	u		u	Cum		8		
4				"	и	u		44	80	и		44	u		9		
5				"	и	u		44	"	и		44	u		u		
6				"	"	30.	06	"	"	u		u	u		8		
7				u	44	и		78	79	ш		"	u		"		
8				u	44	и		"	"	ш		"	u		7		
9				и	2	30.	07	77	78	76		"	u		8		
10				u	"	u		76	77	и		44	u		9		
11				ш	u	30.		75	76	75		44	и		u		
Mid.				ш	"	u		u	и	ш		ш	и		"		
Longit	ude by	y Chro	nometer fro	om Afternoon	Observat	ions ⊙						0	4		"		
Longit	ude by	y Chro	nometer Ol	bservations					*	k		0		4	"		
Variat	ion of	the Co	mpass by A	Amplitude			obse	erved a	at Suns	et		0		4	"		
Variat	ion of	the Co	mpass by					at				0		4	"		

Commences and until 4 A.M. Clear and cool. Light airs from the W. Flood tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from N. and W. shifting to N. and E. Flood tide. At 7.50 made interrogatory signal 5456. "Franklin" answered and made 904. At 8 loosed sail.

(Signed) C. G. Calkins Master.

From 8 to Merid. Cloudy. Pleasant. Light N.N.E. breeze. Cum. Nimb. clouds. At 11.05 high water. At 9.15 inspected at quarters. Exercised Comp. A at single sticks, Comp. B. at howitzer crew at small arms, Marine Guard at small arms. Navy Yard men at work in magazine, engine room and after bilge.

(Signed) M. E. Hall Master.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E.N.E. Ebb tide. At 1 made interrogatory 4826. "Franklin" answered and made 904. Navy Yard men working in engine room and after bilge. Fueled sail. "Hartford" hauled alongside dock.

(Signed) C. G. Calkings Master.

From 4 to 8 P.M. Clear. Warm. Light E.N.E. breeze. Cumulus clouds. At 7.15 made interrogatory signal 2984. "Franklin" answered and made 904. Navy Yard Hands at work in engine room Low water at 4.20. Master C. G. Calkins left the ship on four days leave of absence.

(Signed) M.E. Hall Master.

From 8 to Midnight. Clear and pleasant with light breeze from N. and E. Turned ebb at 10.50. (Signed) M. E. Hall Master.

(Signed) Asa Walker, Lieut. Navigator.

	WINDS.		BARON	IETER.	TE	EMPERATI	JRE.	State of	Forms of		State				
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Skv. in 10ths.	of the	Record of the sail the vessel is under at end of watch.
A,M	*	Œ.								•	•		E 0,		
				14/		20.00	75	7.5	7.4			0:- 0:	_		
1 2				W "	1	30.08	75 "	75 "	74 "		bc "	Cir Cum	7		
3				Calm	0	и	и	ш	"		"	u	и		
4				"	"	u	и	ш	"		"	ш	и		
5				NWN	1	u	73	73	72		u	u	9		
6				"		u	"	74	73		"	u			
7				и	и	30.09	74	"	74		ш	Cum	и		
8				и	"	"	75	75	75		u	"	и		
9				u	и	и	79	79	77		"	u	u		
10				ш	u	u	79	80	78		и	ш	и		
11				u	u	u	78	81	"		"	u	и		
Noon				N	2	30.07	79	82	"		"	u	8		
Distan	ce run	by Lo	g since pre	ceding Noon							knots		fathoms		
Latitud	e by E	D. R. a	t Noon								0		4	u	
Longitu	ude by	/ D. R.	at Noon								0		4	u	
Latitud	e by C	Observ	ations at N	oon ⊙							0		4	u	
Longitu	ude by	/ Chro	nometer fro	m Forenoon	Observati	ons ⊙					0		•	u	
Curren	t durir	ng the	time	knot	s	fms. per									
Variati	on of t	he Co	mpass by A	Amplitude ⊙	observed	at Sunrise				0		ш	u		
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at						0		и	и	
Water	expen	ided di	uring the pr	eceding 24 h	iours								300 g	allons.	
Water					during	the preceding	24 hou	rs						"	
		-		r me at Nooi									1900	"	
				ceding 24 ho	ours							tons	275	lbs.	
Coal re	emaini	ing on	hand at No	on							69	и	1465	и	
5.44															
P,M				NINIT	0	20.02	00	00	70		ha	Cum		0	
1 2				NNE "	2	30.03 30.02	80	82	78 "		bc "	Cum "		9	
3				u	1	30.02	81		u		ш	и		u	
4				u	"	29.98	"	83 84	80		"	ш		"	
5				u	"	29.99	83	"	"		"	ш		"	
6				NE	"	29.99 "	"	85	82			ш		u	
7				Calm	0	u	82	84	"			u		u	
8				"	"	30.00	"	83	"		"	u		"	
9				и	"	30.02	78	79	80		"	ш		"	
10				u	44	"	"	78	78		"	u		"	
11				и	"	30.03	"	"	76		u	ш		u	
Mid.				ш	u	"	u	77	"		"	"		"	
								•							
Longitude by Chronometer from Afternoon Observations ⊙														u	
-			nometer Ob					,	*		0		4	u	
			mpass by A			O	oserved	at Suns	et		0		4	u	
			mpass by	•			at				o		4	и	

Commences and until 4 A.M. Clear and pleasant. Light W[ester]ly airs and calms. Running ebb tide. By order of Commanding Officer, Ellison Parker (Lds) stood four hours extra duty.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Light N[orther]ly and W[ester]ly airs. Turned flood at 5. Barometer steady.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from N.N.W. Flood tide. At 9.15 inspected at quarters. Exercised at fire quarters. Men from Yard working in engine room and after shot locker. D. O'Hara (P.M.) was brought aboard by police.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light N.N.E. airs. Turned ebb at 1.30. James Brady (Mach) left the ship on seven days leave of absence. John Bale (Sea) and John Lynch (Sea) were received aboard for duty from "Franklin". Five men from yard at work in engine room.

(Signed) James K. Cogswell

Lieut.

From 4 to 8 P.M. Clear and pleasant. Light airs from N. and E. At 4.30 made interrogatory signal 2984. "Franklin" answered and made 904. Lieutenant Commander John Schouler left the ship on four days leave of absence. Received John W. Grun (Lds) on board from "Franklin", he having enlisted for three general service.

(Signed) Signed Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Calm. Moon set at 9.30. Turned ebb at 11.30.

(Signed) James K. Cogswell
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

	WINDS.				BAROMETER.			MPERATI	JRE.	State of	Forms of	_	. 8	ate							
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	E t		ecord o unde	of the ser at er	ail the	vess atch.	el is
A,M																					
1				Calm	0		30.04	75	75	72		bc	Cir Cum	8							
2				"	"		"	"	"	"		"	"	7							
3				ш	"		30.03	"	"	"		"	ш	4							
4				и	u		30.02	u	44	"		"	u								
5				NW	1		30.04	73	"	73		44	u	5							
6				и	**		30.05	74	"	"		"	u	7							
7				ш	"		30.06	75	76	74		ш	ш	8							
8				ш	"		30.05	u	"	"		"	u	9							
9				ш	"		30.08	76	"	"		"	u	"							
10				u	"		30.10	77	77	"		u	u	"							
11				и	u		30.18	u	79	76		ш	ш	"							
Noon				ш	u		30.09	u	u	"		u	u	**							
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	S.						
			t Noon	•								0		4	ш						
			at Noon									0		4	ш						
Latitud	le by C	Observ	ations at No	oon ⊙								0		4	"						
Longit	ude by	/ Chro	nometer fro	m Forenoon	Observati	ons @	9					0		•	44						
Currer	nt durir	ng the	time	knot																	
Variati	Current during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise														44						
Variati	on of t	the Co	mpass by A	zimuth ⊙ ob	served at							0		"	ш						
	expen	nded di	uring the pre	eceding 24 h										300 (	gallons.						
Water			1 1516		-	the pr	eceding :	24 hour	S					400	"						
		-		r me at Noor									tono	160	JU						
				ceding 24 ho	ours							69	tons "	275 1169	lbs.						
Cuain	zınanı	ilig oli	hand at No	OII								09		1109							
P,M																					
1				44	44		30.06	78	79	76		bc	Cir Cum		9						
2				ш	ш		ш	79	44	"		ш	ш		"						
3				"	и		30.07	u	80	77		ш	и		"						
4				"	ш		"	ш	u	78		ш	и		"						
5				SE "	1		30.06	80	82	79					"						
6				"					80	78											
7							"		78	76					"						
8								79	77 "	75 "											
9							30.07	78	u			b "	None "		10						
10					"		30.08	77 76				"	u		"						
11 Mid				"	"		30.09	76 "	76 "	74 "		ш	u		"						
Mid.							30.10														
Longitude by Chronometer from Afternoon Observations ⊙ °														4	44						
			nometer Ob						*	•		0			"						
			mpass by A				ob	served a	at Sunse	et		0			"						
Variati	on of t	the Co	mpass by					at				0			"						

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Calm. Ebb tide.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear. Warm. Pleasant. Light N.W[ester]ly airs. Cir. Cum. clouds. Slack water at 5.30.

(Signed) M. E. Hall Master.

From 8 to Merid. Clear and pleasant. Light N.N.E[aster]ly airs. Flood tide. W. H. Johnson (W.O.S.) is declared a deserter. At 8.15 "Ajax" hauled off from wharf and moored to stream buoys. "Saugus" moored to wharf. Six men from the Yard at work in the engine room.

(Signed) James K. Cogswell

Lieut.

From Merid. to 4 P.M. Clear. Warm. Light N.N.E[aster]ly breeze. Cir.Cum. clouds. E. F. Ferry (O.S.2.C.) left the ship on seven days leave of absence. Slack water at 12.30. Sold deserters clothing amounting to \$35.28. Navy Yard hands at work in engine room. Irvin Winbush, was shipped as (Lds) for the cruise of the "Essex", for special service.

(Signed) M. E. Hall Master

From 4 to 8 P.M. Clear and pleasant. Light S.E[aster]ly. Turned ebb at 6.30. Cir. Cum. clouds. Barometer steady. Navy Yard men at work in engine room.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant with light airs from S.E. Ebb tide.

(Signed) M. E. Hall Master.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	<b>S</b> .	BARO	METER.	TI	EMPERATI	URE.	State of	Forms of		. Sta	te
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	of the	Record of the sail the vessel is
A,M	_	_								•	•				
				_	4	20.10	70	70	70		ha	C4=			
1				E "	1	30.10	72 "	73	72 "		bc "	Str "	8		
2				ш	u	"	"	"	"		u	"	7		
3				ш	u	"	"	"	"		u	"	44		
4 5				SSE	и	30.12	"	"	u		и	Cir Cum	ı 5		
6				33E	"	3U.12 "	73	"	"		ш	"	2		
7				ш	"	30.14	"	74	73		u	ш	4		
8				ш	u	30.13	"	76	74		u	u	5		
9				ш	u	30.12	77	79	75		u	u	"		
10				ш	u	30.12	"	81	77		u	"	44		
11				ш	u	30.11	79	83	78		и	u	"		
Noon				ш	u	30.09	"	"	80		и	u	"		
140011						30.09			00						
Distan	ce run	bv Lo	a since pre	ceding Noon							knots		fathom	s.	
Latitud				g							0			и	
			at Noon								0			и	
			ations at N	oon ©							0			и	
				m Forenoon	Observati	ons ©					0		4	и	
Currer				knot			hour, se	ettina to	the						
		-		Amplitude			,				0		ш	и	
				Azimuth ⊙ ob							0		"	"	
				eceding 24 h									300	allons.	
Water			3 - 1	J		the preceding	24 hou	rs						u	
	remai	ning o	n hand fit fo	or me at Nooi	-		•						130	0 "	
				eceding 24 ho								tons	275	lbs.	
			hand at No								69	44	915	и	
		•													
P,M															
1				S	2	30.14	80	84	82		bc	Cir Cum	1	6	
2				ш	"	"	83	86	83		и	u		5	
3				S by E	3	"	84	87	"		u	Cum Ni	mb	6	
4				S	"	"	"	"	"		u	"		4	
5				u	"	30.12	"	86	"		u	"		5	
6				u	1	30.10	"	85	82		u	u		u	
7				ш	2	30.08	83	84	81		и	u		6	
8				ш	3	30.04	"	"	"		и	u		5	
9				SW	"	"	80	80	79		u	"		"	
10				u	2	"	79	79	"		u	"		6	
11				u	"	u	"	"	78		u	u		u	
Mid.				ee	1	u	78	78	44		и	u		u	
Longit	ude by	/ Chro	nometer fro	m Afternoon	Observat	ons ⊙					0			и	
Longit	ude by	/ Chro	nometer Ob	servations				:	*		0		4	u	
Variati	on of t	he Co	mpass by A	Amplitude		C	bserved	at Suns	et		0		4	u	
Variati	on of t	he Co	mpass by				at				0		•	u	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cool and pleasant. Light airs from E.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy and pleasant. Light airs from S.S.E. Flood tide. D. O' Hara (P.M.) absent from the ship without leave.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear. Warm. Light S[outher]ly airs. Cir. Cum. clouds. At 9.30 mustered at quarters. At 9.45 Commanding Officer ship and crew at quarters, immediately afterwards read prayers. W. E. Haggenbotham (O.S.) returned from leave P.A. Paymaster S. D. Hurlburt returned from leave. Flood tide.

(Signed) M. E. Hall Master.

From Merid. to 4 P.M. Clear and pleasant. Warm. Light breeze from S. Tide turned ebb at 1. (Signed) Samuel C. Lemly

From 4 to 8 P.M. Cloudy. Pleasant. Light S[outher]ly breeze. Cum. Nimb. clouds. Slack water at 8.

(Signed) M. E. Hall Master.

From 8 to Midnight. Cloudy but pleasant. Light airs from S.S.W. Running flood tide.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROME	TER.	TE	MPERATU	JRE.	State of	Forms of	_		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	ш.										•		_			
				05	4		20.05	77	77	70			Mana	40			
1 2				SE "	1		30.05	77 "	77 "	76 "		b "	None "	10	,		
3				ш	ш		30.06	76	и	"		"	ш	"			
4				ш	"		"	"	и	"		"	u	"			
5				s	"		u	44	"	"		bc	Cir	9			
6				"	"		u	"	78	"		"	Cir Cum				
7				ш	ш		30.05	77	79	77		и	"	"			
8				ш	"		"	78	80	78		"	u	"			
9				ш	"		30.04	"	81	80		u	и	"			
10				ш	"		"	80	84	82		"	u	"			
11				ш	2		30.03	82	86	83		"	u	44			
Noon				ш	"		30.02	83	87	"		"	u	44			
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	S.		
Latitud												0		•		4	
			at Noon									0		4		4	
			ations at N	oon ⊙								0		4		4	
				m Forenoon	Observat	ions (	Ð					0		4		4	
Currer				knot			ms. per h	nour, se	tting to t	he							
		-		Amplitude	observed				•			0		"		4	
				Azimuth ⊙ ob								0				4	
				eceding 24 h										300	gallons	S.	
Water					during	the pi	receding	24 hour	s							u	
Water	remai	ning or	n hand fit fo	or me at Noo	n									100	00	"	
Coal c	onsun	ned du	ring the pre	eceding 24 ho	ours								tons	275	lbs.		
Coal re	emaini	ing on	hand at No	on								69	ш	640	"		
P,M																	
1				S	2		29.96	84	89	84		bc	Cir Cum		9		
2				SSE	3		29.92	86	90	86		"	u		"		
3				S	2		29.90	87	"	"		ш	Cum		8		
4				u	44		u	88	91	"		ш	Cir Cum		ш		
5				u	44		u	89	u	87		ш	и		9		
6				ш	1		29.88	90	"	"		"	u		"		
7				ш	ш		"	"	90	"		"	Cum Str		8		
8				ш	ш		29.89	89	89	85		"	u		"		
9				ш	3		29.90	86	88	84		ш	u		"		
10				ш	ш		29.91	85	87	"		ш	u		7		
11				SW	ш		"	"	86	82		"	u		"		
Mid.				u	"		"	84	85	"		ш	ш		"		
Longit	ude by	/ Chroi	nometer fro	m Afternoon	Observat	ions (	€					0		4		4	
Longit	ude by	/ Chroi	nometer Ob	servations					*	:		0		4		"	
Variati	on of t	he Co	mpass by A	Amplitude			ob	served a	at Sunse	et		0		•		"	
Variati	on of t	the Co	mpass by					at				0		•		ш	

Commences and until 4 A.M. Clear and pleasant with light airs from S.E. Slack water at 2.

(Signed) M. E. Hall

Master.

From 4 to 8 A.M. Clear and pleasant. Light S[outher]ly airs. Ebb tide. At 6 "Plymouth" anchored off coal wharf. At 7.50 "Saugus" got underway and was towed to dry dock.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from S. Flood tide. At 9.15 exercised at general quarters. Time casting loose. Marine 1 m. Engineer Div, 1 m. 30 sec. 2<sup>nd</sup> Div, 2 m. Powder Div, 2 m. 10 sec. Navigators Div, 3 m. 1<sup>st</sup> Div, 4 m. Secured. Navigators Div, 30 sec. Powder Div. 1 m. 1<sup>st</sup> Div, 1 m. 45 sec. Engineers Div, 2 m. 30 sec. 2<sup>nd</sup> Div, 3 m. 30 sec. Thomas Russell (M. at A.) W.H. Simms (W.R.S.) Issac Fassett (Lds) and Henry Simpson (1.C.B.) were discharged from the ship and from the Naval service at their own request.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Warm. Light S[outher]ly airs. At 12.30 "Leleigh" came down from dry dock and moored on starboard side of this vessel. At 1.30 "Plymouth" hauled in alongside of coal wharf. Fred. Porter (Sea) was rated Capt. Of Hold, to date from July 6<sup>th</sup>. Joe Barry (C. of H.) was rated Paymaster Yeoman, to date from July 6<sup>th</sup>, by order of Commanding Officer. Turned ebb at 12.30.

(Signed) James K. Cogswell

From 4 to 8 P.M. Clear and warm. Light airs from S. Ebb tide. At 6.45 mustered at quarters and served out clean hammocks. By order of Commanding Officer D. J. Downey (B.M.) was placed in double irons for safe keeping, he being intoxicated on duty.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and warm. Light breeze from S. Moon rose at 9.

(Signed) James K. Cogswell

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.	В	AROME	TER.	TE	MPERATI	JRE.	State of	Forms of		St	tate
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	ģ i	ight n nes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	E t	Record of the sail the vessel is under at end of watch.
A,M	_	_									-	•				
				Calm	0	20	00	00	04	00		ha	Cir. Cum			
1				Calm "	0	29.	.89	82 "	81	80 "		bc "	Cir Cum	1 8		
2				44	u	u		"	и	"		ш	44	7		
4				44	"	u		"	"	"		ш	44	"		
5				WSW	2	29.	02	81	82	и		u	ш	0		
6				"	"	29		"	"	81		u	u	"		
7				ш	"	29.		"	"	"		u	u	"		
8				"	"	"	.00	"	"	u		и	u	"		
9				S	"	"		"	84	"		и	u	"		
10				"	"	29.	.97	82	87	82		ш	44	6		
11				S by W	"	29.		84	88	84		u	"	"		
Noon				WSW	"	"		88	89	"		u	u	4		
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	S.	
Latitud	e by D	). R. a	t Noon									0			ш	
Longitu	ıde by	D. R.	at Noon									0			"	
Latitud	e by C	Dbserv	ations at No	oon ⊙								0			ш	
Longitu	ıde by	Chro	nometer fro	m Forenoon	Observati	ons						0			"	
Curren	t durin	ng the	time	knot	s	fms.	per h	our, se	tting to t	the						
Variation	on of t	he Co	mpass by A	mplitude ⊙ d	observed a	at Sunrise	Э					0		ш	ш	
Variation	on of t	he Co	mpass by A	zimuth ⊙ ob	served at							0		"	"	
Water	expen	ded di	uring the pr	eceding 24 h	ours									300 (	gallons.	
Water		Recei	ved		during t	the prece	ding 2	24 hour	S					150	00 "	
Water	remair	ning or	n hand fit fo	r me at Noor	1									220	00 "	
Coal co	onsum	ned du	ring the pre	ceding 24 ho	ours								tons	275	lbs.	
Coal re	emaini	ng on	hand at No	on								69	ш	365	"	
P,M				_												
1				S "	3	29.	.98	85 "	83	81 "		or "	Nimb "		0	
2					"			"								
3					"	29.	.99									
4								82		80						
5				WSW "	2		00	"	82			bcr	u			
6				"	"	30. 30.			"	"		or	u		"	
,				CW	44			80 "	44	"		bcr	u			
8				SW "	44	30.	.04		70	70		bc "	u		1	
9				"	"	"		76 "	78 "	78 "		u	u		2	
10				ш	44	u		4	44	"		u	u		4	
11 Mid				и	ш	u		"	u	u		"	и		2	
Mid.															2	
Longitu	ıde by	Chro	nometer fro	m Afternoon	Ohsenzati	ons @						0			и	
_			nometer Ob		ODOCI VALI	0113 0			*	4		0			"	
_			mpass by A				ohe	served .	at Sunse			0			"	
			mpass by A	piituu <del>c</del>			JUS	at	at Guiist	<b>υ</b> ι		0			"	
variali	on or t	00	iiipass by					aı								

Commences and until 4 A.M. Clear, Pleasant, Calm.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear. Warm. Light airs from S. and W. Ebb tide. W. H. Simms (W.R.S.) was discharged at his own request and left the ship. Cir. Cum. clouds. Geo. C. Cooper (Apothe) was discharged from this ship on recommendation of surgeon, and left accordingly, by order of Comdg. Officer.

(Signed) M. E. Hall Master.

From 8 to Merid. Clear. Warm. Pleasant. Light airs from S. and W. Flood tide. At 9.15 inspected at quarters. Sent liberty party ashore. Master C. G. Calkins, Midn. W. G. Hannum and Carpenter W. M. Richardson returned from leave. Alexander Owens (Lds) was received and enlisted for the cruise of the "Essex", special service. By order of Comdg. Officer, Otto V. Wrisberg was appointed Master of Arms.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Rainy. Warm. Flood tide. Henry Merault (W.R.C.) was discharged at his own request and left the ship. H.M. Flint (P.M.) is declared a deserter, having been absent from the ship ten days without leave. Slack water at 3. Navy Yard hands at work in engine room. By order of Comdg. Officer upon recommendation of Surgeon, Wm Morris was appointed apothecary.

(Signed) M. E. Hall Master.

From 4 to 8 P.M. Overcast and rainy during first three hours, partially clear during last. Ebb tide. Lieut. J. K. Cogswell and Midn. T. D. Griffin left the ship on four days leave of absence. At 6.45 mustered at quarters.

(Signed) M. E. Hall Master.

From 8 to Midnight. Cloudy, with light airs from S.W. Ebb tide.

(Signed) C. G. Calkins Master.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROMI	ETER.	TE	MPERATI	JRE.								
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	op. of Clear	E t	tate of he iea.	Record of th	ne sail the	el is
A,M	호	Fat					iliciida.		Duib.	Duib.	·	·		Prop.	ă				
1				SW	1		30.00	78	78	77		ос	Nimb	0					
2				"			"	"	"	"		"	"	"					
3				ш	"		u	"	и	u		"	u	"					
4				"	"		"	"	"	"		"	"	44					
5				u	"		30.05	76	4	"		or	u	44					
6				S	"		30.06	77	4	"		ор	u	44					
				"	"				"	"			Cum						
7							30.08					0	Nimb	1					
8				ш	и		ш	"	и	ш		bc	"	3					
9				es .	"		30.07	79	80	79		"	Cir Cum Nimb	4					
10				ш	2		30.06	80	82	80		"	u	"					
11				ш	3		30.05	82	85	82		u	"	"					
Noon				u	u		30.03	"	u	"		u	u	44					
Distan	ce run	by Lo	g since pre	eceding Noor	1							knots		fathoms	S.				
Latitud	e by E	). R. a	t Noon									0	•		ш				
Longitu	ude by	/ D. R.	at Noon									0	4		ш				
Latitud	e by C	Observ	ations at N	loon ⊙								0	4		ш				
Longitu	ude by	/ Chro	nometer fro	om Forenoon	Observat	ions (	•					0	,		и				
Curren	t durir	ng the	time	kno	ts	1	fms. per l	nour, se	tting to t	the									
Variati	on of t	he Co	mpass by	Amplitude ⊙	observed	at Su	nrise					0	6	•	ш				
Variati	on of t	he Co	mpass by	Azimuth ⊙ ol	oserved at							0		4	ш				
Water	expen	ided d	uring the p	receding 24 I	nours									300 g	gallons.				
Water					during	the p	receding	24 hour	s						"				
Water	remaiı	ning o	n hand fit fo	or me at Noo	n									190	00 "				
Coal c	onsum	ned du	ring the pre	eceding 24 h	ours								tons	275	lbs.				
Coal re	emaini	ing on	hand at No	oon								69	u	90	и				
P,M																			
1				S	3		30.01	83	87	82		bc	Cum Nin	nb	4				
2				44	2		29.99	84	ш	и		44	u		2				
3				и	"		29.96	"	"	u		ш	"		ш				
4				u	"		29.94	"	"	83		"	u		1				
5				ш	"		29.93	85	86	u		u	"		3				
6				u	"		29.92	"	85	u		"	u		"				
7				ш	"		29.90	"	84	82		u	"		4				
8				и	44		29.89	84	u	u		u	"		3				
9				и	3		29.90	83	83	81		u	"		4				
10				u	44		"	82	82	80		ш	u		u				
11				u	u		u	81	81	79		44	и		u				
Mid.				и	u		u	"	и	u		ш	u		u				
							_					0							
-				om Afternoor	Observat	ions (	⊙						•		"				
-				bservations					*			0	,	4	ш				
			mpass by	Amplitude			ob		at Suns	et		0	,	4	и				
Variati	on of t	he Co	mpass by					at				0		4	и				

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, with light airs from S. and W. Flood tide.

(Signed) M.E. Hall Master.

From 4 to 8 A.M. Cloudy and cool. Light passing showers first two hours. Light S[outher]ly airs. Ebb tide.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear. Warm. Light S[outher]ly breeze. Cir. Cum. Nimb. clouds. Flood tide. G. O. Holden. (W.O.C.) and John F. Partlow absent without leave. Navy Yard hands at work in engine room and on deck.

(Signed) C. G. Calkins Master.

From Merid. to 4 P.M. Cloudy. Warm. Light breeze from S. Flood tide. At 1 made interrogatory signal 2984. "Franklin" answered and made 904. Sent liberty party ashore. Received in ships company James Stevens (Lds) be having enlisted for the cruise of the "Essex" special service. Workmen from Navy Yard engaged in engine room and in fitting bridge.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Cloudy. Warm. Light S[outher]ly breeze. Cum. Nimb. clouds. Ebb tide. Charles Zeller (OS) left the ship on two and a half days leave of absence. Navy Yard hands at work in engine room and on bridge.

(Signed) C. G. Calkins Master.

From 8 to Midnight. Partially cloudy but pleasant. Light breeze from S. Obscured moonlight. Running ebb tide.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TE	MPERATU	IRE.	State of	Forms of			State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	- 10th	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	ш										-					
				0144				70	70				0: 0	•			
1				SW "	3	2	29.82	79 "	78 "	77 "		bc "	Cir Cum	6			
2				и	"			"	44	u		u	"	"			
3				и	и	"		"	"	u		и	ш	"			
4 5				S	и	,	29.86	79	80	78		и	Cir Nimb	) 4			
6					"		29.88	"	81	79		u	"	, 4			
7				u	"		4	"	82	81		ш	u	"			
8				и	"	"		"	"	"		u	"	3			
9				и	"	2	29.87	82	84	82		u	"	0			
10				и	и		29.86	"	85	"		u	u	"			
11				и	u		29.87	"	"	u		u	u	1			
Noon				и	3-4		29.87	"	"	u		u	u	"			
					0 4	•	20.01										
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	s.		
Latitud				Ü								0		4	66		
			at Noon									0		4			
			ations at N	oon ⊙								0		4	66		
				m Forenoon	Observati	ons o						0		4			
Curren				knot			ns. per h	our, se	tting to t	he							
Variati	on of t	he Co	mpass by A	Amplitude ⊙ d	observed a	at Sunr	rise					0					
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		11			
Water	expen	ided di	uring the pr	eceding 24 h	ours									300	gallons		
Water					during t	he pre	ceding 2	24 hour	s								
Water	remai	ning or	n hand fit fo	r me at Noor	ı									160	00 '		
Coal c	onsun	ned du	ring the pre	ceding 24 ho	ours								tons	275	lbs.		
Coal re	emaini	ing on	hand at No	on								68	"	2075	44		
P,M																	
1				S	2-3	2	29.80	84	86	83		op	Cum Nir	nb	0		
2				и	44	2	29.78	"	85	ш		opq	ш		"		
3				и	2	2	29.83	"	"	ш		bcp	ш		"		
4				SW	44	"		"	"	ш		or	ш		"		
5				ш	"	"		82	82	82		ш	"		"		
6				и	"	2	29.86	80	80	u		и	u		"		
7				SE	1	2	29.87	44	ш	80		bcp	u		"		
8				и	"	2	29.88	44	ш	u		ocr	Nimb		"		
9				и	"	2	29.89	44	79	78		и	ш		"		
10				и	44	"		78	"	u		и	u		"		
11				и	"	"	4	"	44	и		ш	u		u		
Mid.				и	u	2	29.98	ш	u	и		ш	u		"		
												_					
-				m Afternoon	Observati	ons ⊙						0		4	66		
			nometer Ob						*			0		•	•	•	
			mpass by A	Amplitude			obs		at Sunse	et		0		•	•	•	
Variati	on of t	he Co	mpass by					at				0		•	•	•	

Commences and until 4 A.M. Pleasant weather. Gentle breeze from S.W. Low water at 12.30.

(Signed) C. G. Calkins

Master.

From 4 to 8 A.M. Overcast and cloudy. Light breeze from S. Ebb tide.

(Signed) M. E. Hall Master.

From 8 to Merid. Cloudy. Warm. Moderate breeze from S. Tide turned flood at 11. At 8.45 made interrogatory signal 6465, "Franklin" answered and made 904. Loosed sail. At 9.30 inspected at quarters. At 11.15 made interrogatory signal 4826, "Franklin" answered and made 904. Furled sail. Mechanics from Navy Yard engaged in working in engine room and on bridge. Lieutenant Commanding John Schouler returned from leave.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Overcast, cloudy and rainy. Light breeze from S. and W. Flood tide. John C. Sills (O.S.2.C.) was discharged from the Naval service at his own request.

(Signed) M. E. Hall Master.

From 4 to 8 P.M. Overcast, rainy. Light S[outher]ly breeze. Flood tide. At 6.50 made interrogatory signal 2985. "Franklin" answered and made 904. Mechanics from Yard working in engine room and on bridge.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Overcast and rainy, with light airs from S.E. Flood tide.

(Signed) M. E. Hall Master.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	š.	BA	ROMETER.		TE	MPERATI	JRE.	State of	Forms of	<u>.</u>	State	
'n	knots	Fathoms.	Courses steered.	Direction.	Force.	Heig in inche	att	er. d.	Air Dry Bulb.	Air Wet	Water	the Weather by	Clouds, by symbols.	/ ≥ ≝	of the Sea.	Record of the sail the vessel is under at end of watch.
Hour	κ	Fath				→ inche	S.		Bulb.	Bulb.	surface ·	symbols		Sk.		under at end of wateri.
A,M																
1				S	3	29.8	8 78	3	79	77		bc	Cum Nimb	2		
2				ш	ш	"	u		ш	ш		u	ш	3		
3				ш	"	"	"		44	"		u	u	4		
4				u	"	u	"		ш	и		и	u	0		
5				u	2	29.8	9 "		"	78		0	44	44		
6				SW	1	u	"		44	"		bc	ш	"		
7				"	"	29.9	0 "		"	и		or	Nimb	"		
8				S	**	29.9	1 "		44	ш		и	u	44		
9				SSW	**	"	"		80	ш		и	"	44		
10				u	"	u	79	)	81	и		ор	Cum Nimb	44		
11				ш	u	29.8	8 "		"	79		ос	ш	"		
Noon				S	"	"	"		"	"		ор	u	"		
				ceding Noon								knots °		fathoms.	"	
			t Noon									0				
-			. at Noon									0				
			vations at N		01	0						0			"	
_				m Forenoon				44.								
Curren		-		knot • Amplitude ⊙			er hour	seuii	ig to t	ne		0		"	ш	
				Azimuth ⊙ ob								0		"	"	
				receding 24 h										300 ga	llone	
Water	expei	iueu u	uning the pi	eceding 24 ii		the preced	ina 24 h	oure						300 ga	"	
	remai	inina o	n hand fit fo	or me at Nooi	-	ine preced	iiig 24 ii	ours						1300	u	
		-		eceding 24 ho									tons	275	lbs.	
			hand at No									68	"	1800	"	
		9 -														
P,M				_												
1				S "	1	29.8			80 "	78 "		op	Cum Nii	mb (		
2						29.8	3			"		bcp "	"			
3				SSW		29.8	4 "						"			
4				SW	u					u			u	;		
5 6				SSW "	44	29.8 29.8			79 "	"		op "	44	(		
7				"	44	29.8			78	77		"	44			
8				u	44	29.9			"	"		u	u			
9				u	44	29.5	81		80	78		u	Nimb			
10				u	44	"	"		"	"		or	"			
11				ш	44	"	"		"	"		"	u			
Mid.				u	u	"	"		u	"		"	44	,		
Longitu	ude b	y Chro	nometer fro	m Afternoon	Observati	ons ⊙						0		•	и	
Longitu	ude b	y Chro	nometer Ol	oservations					*	:		0		4	u	
Variati	on of	the Co	mpass by	Amplitude			observ	ed at	Sunse	et		0		4	u	
Variati	on of	the Co	ompass by					at				0		4	u	

Commences and until 4 A.M. Cloudy but pleasant. Light breeze from South.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Cloudy, cool first part. Raining last two hours. Light S[outher]ly breeze. Ebb tide.

(Signed) C. G. Calkins Master.

From 8 to Merid. Cloudy and rainy during entire watch. Light breeze from S. and W. Tide turned flood at 11 Midshipman Richard Henderson was placed under suspension for overstaying his leave and not being on board to attend to duty.

(Signed) W. G. Hannum Midn.

From Merid. to 4 P.M. By order of Bureau of Equipment and Recruiting P. O Donnell (Lds E.F.) was this day discharged from this vessel and from the Naval service. Cloudy weather, with light passing showers of rain. Flood tide. Light airs from S. and W. 13 workmen engaged in Engineers Department, and two in Equipment Department. "Ossipee" sent down topgallant yards and masts.

(Signed) M. E. Hall Master.

From 4 to 8 P.M. Overcast, with frequent heavy showers. Breeze light from S.S.W. High water at 5.15.

(Signed) C. G. Calkins Master.

From 8 to Midnight. Cloudy and rainy, with light breeze from S.W. Running ebb tide.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	š.	BARC	METER.	TE	EMPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	¥	Œ								•	•		E 07		
					4	20.04	70	77	76			Cum	0		
1				S	1	29.94	78 "	77	76 "		op	Nimb "	0		
2				Calm "	0	"		78 "			bc	u	5		
3						u		"	"		bcp	"	2		
4				S	1	"	77 "		и		op	u	0		
5				SSW "	"	и	"	77 78	"		or "	u	"		
6 7				44	"	29.96	76	"	77		"	u	"		
8				ш	"	29.90	"	79	<i>u</i>		ос	ш	"		
9				ш	"	<u>2</u> 9.99	77	80	78		"	ш	"		
10				ш	"	30.00	78	81	"		bc	u	1		
11				ш	"	30.00	"	82	79		"	u	2		
Noon				и	и	"	79	"	80		и	ш	4		
110011							10		00				-		
Distan	ice rur	n by Lo	og since pre	eceding Noon							knots		fathoms.		
Latitud	de by I	D. R. a	t Noon	-							0		4	"	
			. at Noon								0		4	"	
			vations at N	loon ⊙							0		4	"	
				m Forenoon	Observati	ons ⊙					0		4	"	
Currer	nt duri	ng the	time	knot	s	fms. pe	hour, se	etting to	the						
Variati	ion of	the Co	mpass by A	Amplitude ⊙ d	observed a	at Sunrise					0		4	u	
Variati	ion of	the Co	mpass by	Azimuth ⊙ ob	served at						0		ш	"	
Water	exper	nded o	luring the pi	receding 24 h	ours								300 gal	lons.	
Water					during t	the precedin	g 24 hou	rs						u	
Water	remai	ining c	n hand fit fo	or me at Noor	า								1000	ш	
Coal	onsun	ned dı	uring the pre	eceding 24 ho	ours							tons	275	lbs.	
Coal r	emain	ing on	hand at No	oon							68	ш	1525	ш	
P,M															
1				Variable	1-2	30.00	82	84	81		bc "	Cir Cum	4		
2					u	29.99		"	"		u		"		
3					"	"	u	"	"		"	"	"		
4				u											
5					0-1	29.98	81	82	80		bcp "	Cum Nir	nb 3		
6															
7											bc "				
8				•		30.00	-								
9				S	"	30.03	80				bcl "				
10						30.06		81							
11 M:d				Calm "	0	30.07					u		"		
Mid.				-	-	30.10	-	-	-		•	-			
l ong:	udo h	v Chra	nometor for	m Afternoon	Observet	one @					0		4	ш	
_				om Afternoon	observati	uis •			*		0			"	
-				bservations			hoo=				0			"	
			ompass by A	чиришае		(	bserved	at ouns	El		0			"	
variati	101101	me Co	mpass by				at								

Commences and until 4 A.M. Cloudy, cool. Frequent passing showers. Light S[outher]ly airs. Flood tide.

(Signed) W. H. Allen Midn.

From 4 to 8 A.M. Overcast, cloudy and rainy. Light breeze from S. and W. Tide turned ebb at 6. (Signed) W. G. Hannum Midn.

From 8 to Merid. Cloudy weather, with light breeze from S. and W. Slack water at 12. Ten workmen employed in Engineers Department and two in Equipment Department. Charles Zeller (O.S.) returned from leave.

(Signed) M. E. Hall Master.

From Merid. to 4 P.M. Cloudy and warm. Light variable airs. Flood tide. Ten mechanics from Navy Yard at work in engine room and two fitting bridge.

(Signed) C. G. Calkings Master.

From 4 to 8 P.M. Cloudy and sultry, with light variable airs. Passing showers first two hours of watch. At 6.20 made interrogatory signal 2984. "Franklin" answered and made 904.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Cloudy. Warm. Light S[outher]ly airs and calm. Flood tide. Obscured moonlight. Midn. T. D. Griffin returned from leave.

(Signed) W. H. Allen Midn.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS			BAROME	TER.	TE	MPERATI	JRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	y ≊≝	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				Calm	0	9	30.10	80	80	79		bc	Cum	1		
2				«	"	"		"	"	"		"	Nimb "			
3				u	"		30.09	"	"	"		44	"	2		
4				ш	u			и	"	"		и	"	3		
5				ш	u	9	30.10	78	"	78		or	"	0		
6				ш	u		30.11	"	ш	"		bc	и	1		
7				SSE	1		30.12	79	81	80		0	"	0		
8				"	u		30.14	u	"	"		or	"	"		
9				SW	0-2		30.17	78	82	78		bcp	"	2		
10				"	"	"		"	и	u		"	"	"		
11				Variable	u	3	30.19	ш	"	"		и	"	44		
Noon				u	u	"		u	u	44		or	"	0		
Distan	ce rur	n by Lo	og since pre	ceding Noon								knots		fathoms.		
Latitud	de by I	D. R. a	at Noon									0		•	u	
Longit	ude b	y D. R	. at Noon									0		4	"	
Latitud	de by	Obser	vations at N	loon ⊙								0		4	ш	
Longit	ude b	y Chro	nometer fro	m Forenoon	Observati	ions						0		4	u	
Currer	nt duri	ng the	time	knot	S	fm	ıs. per h	our, se	tting to t	the						
Variati	on of	the Co	ompass by A	Amplitude ⊙ o	bserved	at Sunr	ise					0		"	"	
Variati	on of	the Co	ompass by A	Azimuth ⊙ ob	served at							0		"	ш	
	expe	nded c	luring the pr	receding 24 h										300 Ga		
Water					during	the pre	ceding 2	24 hour	S						u	
		-		or me at Noor										1200		
				eceding 24 ho	ours								tons	275	lbs.	
Coal r	emain	ing on	hand at No	oon								68		1250		
P,M																
P,IVI 1				SW	1		30.20	79	80	79		or	Cum Ni	mb (	1	
2				S	"		30.19	"	"	19		"	"	IIID (		
3				"	u			и	81	80		0	"			
4				u	44	"		"	"	"		bc	u	4		
5				Variable	0-1	3	30.18	80	44	"		u.	"		1	
6				u	"	"		"	"	"		ш	u	2		
7				u	"	"		"	и	"		u	"		-	
8				u	"	"		ш	"	"		и	"	4		
9				S by E	и	3	30.20	"	"	"		u	u	4		
10					и	"		u	u	"		u	u			
11				и	и	3	30.22	79	80	79		u	u	4		
Mid.				u	и		30.23	"	"	"		44	"	4		
Longit	ude b	y Chro	nometer fro	m Afternoon	Observat	ions ⊙						0		4	ш	
-			nometer Ot						al.	¢		0			"	
Variati	on of	the Co	ompass by A	Amplitude			ob	served	at Suns	et		0			"	
Variati	on of	the Co	ompass by					at				0			"	

Commences and until 4 A.M. Partially overcast. Calm and sultry. Flood tide. At 12.30 sounded call to quarters. By order of Commodore Creighton, detailed a draft of twenty five men in charge of Master M. E. Hall, to take passage on U.S.S. "Plymouth", for temporary duty at Washington D.C. At 2.15 U.S.S. "Pinta" left wharf with draft of men from U.S.S. "Franklin".

(Signed) W. G. Hannum Midn.

From 4 to 8 A.M. Overcast. Pleasant. Calm first part, light airs from S. and E. latter part of watch. At 4.30 "Plymouth" got underway and stood down the river. Turned ebb at 7.30.

(Signed) T. D. Griffin Midn.

From 8 to Merid. Cloudy, with passing showers. Heavy rain during last hour of watch. Ebb tide. Mustered crew at quarters. The following named men absent without permission, John P. Marker (1.C.B.) John Lucey (O.S.) John Pettit (O.S.) Thos. Ludden (Lds) Lewis Zachman (Ord Sergt) Henry Simpson (2.C.F.) G. M. Hermance (O.S.2.C.) James B. Stanley (1.C.B.) J. W. Green (Lds) E. G. Ferry (O.S.2.C.)

(Signed) C. G. Calkins Master.

From Merid. to 4 P.M. Cloudy, warm. Rainy first two hours. Light airs from S. Flood tide.

(Signed) W. H. Allen

Midn.

From 4 to 8 P.M. Cloudy, warm. Passing showers first hour. Light variable airs. Lieut. J. K. Cogswell returned from leave. At 7 made interrogatory signal 2985. "Franklin" answered and made 904. Running flood tide.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Cloudy, warm. Light breeze from S. and E. James Brady (Mach) returned from leave. Tide turned ebb at 10. Obscured Moonlight.

(Signed) W. G. Hannum Midn.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BA	ROMETER	₹.	TE	MPERATI	JRE.	State of	Forms of		. 5	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Feeway. in inche	a	her. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Skv in 10ths		of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	ш.									•	•					
1				C by E	4	30.2	4 7	78	80	79		ho	Cir Cum	3			
				S by E		3U.2 "	. <del>4</del>		"	"		bc	Cum				
2				SSE "	1							0	Nimb	0			
3				u	u				u	и		bc "	u	6			
4					"							"		8			
5				SW "		30.2	.7		79	77 "		u		2			
6				и	2	30.2			80	u		u	u	"			
7 8				и	u	3U.z	9 "		"	и		и	u	"			
9				ш	u	u	"		"	и		u	u	4			
10				u	u	"	s	30	83	81		44	"	2			
11				u	u	"		32	85	83		44	"	3			
Noon				u	и	30.2		33	86	84		u	"	2			
140011						30.2	, ,	,,,	00	04				_			
Distan	ice rur	n by Lo	g since pr	eceding Noon								knots	f	athoms	i.		
		-	t Noon	Ü								0			*		
			at Noon									0			"		
Latitud	de by (	Observ	ations at N	Noon ⊙								0			"		
Longit	ude by	y Chro	nometer fr	om Forenoon	Observa	tions ⊙						0			"		
Curre	nt duri	ng the	time	knot	S	fms.	er hou	ır, se	tting to	the							
Variat	ion of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise						0	ш		"		
Variat	ion of	the Co	mpass by	Azimuth ⊙ ob	served a	t						0	44		**		
Water	exper	nded d	uring the p	receding 24 h	ours									300 g	allons.		
Water					during	the preced	ing 24	hour	s						"		
Water	remai	ining o	n hand fit f	or me at Noor	ı									90	0 "		
Coal	onsur	ned du	ring the pr	eceding 24 ho	ours								tons	275	lbs.		
Coal r	emain	ing on	hand at N	oon								68	44	975	"		
P,M					0.4				0.4	00			0 11:				
1 2				Variable "	0-1	30.2 30.2		33	84	82		bcp "	Cum Nim	D	2		
3				и	"	30.2	.5		"	"		ш	u		4		
4				u	"	"	_ "		"	"		u	"		3		
5				NW	2-4	30.	9	32	83	81		oqr	"		0		
6				Calm	0	30.			82	80		rcp	"		4		
7				"	"	30.	"		"	"		bcp	Nimb Str		2		
8				и	"	"	"		"	"		bc	"				
9				и	"	30.2	4 8	30	44	u		"	Cum Str		4		
10				и	"	"			"	"		"	"		5		
11				и	"	"	"		81	79		ш	u		8		
Mid.				и	"	30.2	5 7	79	80	78		и	и		"		
Longit	ude by	y Chro	nometer fr	om Afternoon	Observa	tions ⊙						0			"		
Longit	ude b	y Chro	nometer C	bservations					:	k		0	4		"		
Variat	ion of	the Co	mpass by	Amplitude			obser	ved a	at Suns	et		0	•		"		
Variat	ion of	the Co	mpass by					at				0			"		

Commences and until 4 A.M. Cloudy first, clear latter part of watch. Cool. Light airs from S. and E. Ebb tide. Barometer steady.

(Signed) T. D. Griffin Midn.

From 4 to 8 A.M. Cloudy weather, with light breeze from S.W. High water at 7.30. Broke out hold and cleaned bilge forward.

(Signed) C. G. Calkins Master.

From 8 to Merid. Cloudy, warm. Light breeze from S.W. Ebb tide. Engaged in breaking out hold. Received in Pay. Dept, 8 Bbls Pork, 6 Bbls Beef, 3 Bbls Butter, 2 Bbls Molasses, 2 Bbls Vinegar, 15 Kegs Pickles, 30 Boxes Preserved Beef.

(Signed) W. H. Allen Midn.

From Merid. to 4 P.M. Cloudy and warm, light variable airs. Passing showers of rain first two hours. Engaged in stowing hold. U.S.S. "Canandaigua" was towed down by Navy Yard tug and moored to wharf astern of this vessel.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Calm and cloudy. Warm. Sent liberty party ashore.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Calm. Cloudy first, clear last part of watch. Turned ebb at 9. Cool and pleasant. Received a draft of twenty boys from U.S.S. "Supply".

(Signed) T. D. Griffin Midn.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.	BAROM	ETER.	TI	EMPERATI	JRE.	State of	Forms of		State	
_	S	E.	Courses steered.	Direction.	Force.	Height in inches	Ther. att'd.	Air	Air Wet	Water at	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is
Hour	knots	Fathoms.				inches.	att o.	Dry Bulb.	Bulb.	surface	symbols		Prop. Sky, ii	Sea.	under at end of watch.
A,M															
í. 1				Calm	0	30.27	78	79	76		b	Cir Cum	8		
2				"	"	"	"	"	"		"	"	"		
3				и	u	"	"	"	"		"	"	"		
4				и	и	u	"	"	"		ш	ш	"		
5				u	u	30.26	"	"	"		"	Cum	3		
				u	и		"		"		"	Nimb "			
6				u	и	30.27	"	"	"		"	"	0		
7						30.25	"				"	"	2		
8				SW	2			80	79		"	"	5		
9				WSW "	и	30.26	80 "	83	80		"	"	4		
10					и	30.24							2		
11				и		u	81	84	81				1		
Noon				-	1-2	-	83	85	83		-	-	-		
Dietan	co rur	a by Lo	a since pre	oceding Noon							knots		fathoms.		
Latitud				eceding Noor	ı						0	,	allionis.		
											0	4		"	
			at Noon ations at N	loon @							0	4		"	
	-			om Forenoon	Observati	one 🔍					0	4		"	
Curren				kno			hour or	tting to	tho						
		-		Amplitude ⊙		fms. per	nour, se	etting to	uie		0	44			
				•		at Suillise					0	"		"	
				Azimuth ⊙ ob receding 24 h									200 a	allono	
Water	expei	Recei		receding 24 i		ho procedina	24 hou	ro					300 ga 2190		
	romoi			or mo at Nac	_	he preceding	24 Hou	15					2920	,	
				or me at Noo eceding 24 h								tons	275	lbs.	
					Juis						68	uu u	700	ius.	
Coarre	zınanı	iiig on	hand at No	JOH							00		700		
P,M															
1				SW	1-2	30.21	84	86	84		bc	Cum Nim	h	1	
2				"		30.17	"	81	"		"	"		2	
3				u	44	30.14	"	80	83		и	u		ш	
4				ш	ш	30.12	"	85	"		bcr	u		1	
5				ш	ш	"	"	"	44		ш	u			
6				WSW	ш	"	83	83	81		bc	u		3	
7				Calm	0	30.10	82	"	"		ш	u		1	
8				"	u	30.11	80	81	80		ш	u		ш	
9				"	u	30.12	"	"	79		ш	Cir Nimb		3	
10				"	"	"	"	"	"		ш	"			
11				"	"	30.14	"	"	"		ш	u		ш	
Mid.				"	"	"	"	"	"		ш	u		ш	
Lonaitı	ude b	y Chro	nometer fro	om Afternoon	Observati	ons ⊙					0			u	
_				bservations				:	*		0	,		"	
•		•	mpass by			ot	served	at Suns			0	,		"	
			mpass by				at				0			u	

[Editor's note: The following was attached to the logbook entry for July 24<sup>th</sup>.]

Stores Received in Departments of Communication and Equipment.

225 lbs Black Paint in Oil. 450 " White Lead " " 2 " Chrome Yellow. 2 galls Japan Dry. 20 " Boiled Oil. 23 " Spirits Turpentine. 10 Paint Brushes. 2 Sash Tools. 240 Ft White Pine 1 in. 150 " " 2 in. 30 " " ash 1 in. 90 " " 2 in. 26 " Oak 1 in. 4 lbs Finishing Nails Asst 32 " F. O. " " 13 " Copper " " 20 " Sheathing " " 50 " Oakum. 10 " Oars. 7 Boat Hooks. 4 lbs. White Chalk. 7 yds Fearnaught 100 lbs Sheet Lead 175 " White Zinc in oil. 4 Brass Padlocks 50 Sheets Sand Paper 12 Whitewash Brushes. 5 Galls. Neats foot oil. 50 Lbs. Pump Leather. 45 yds, No 4 Cotton Canvass. 68 " 6 " " 45 " 8 " " 500 " Old Canvass 20 " Bellows Leather. 6 Shots Blotting Paper.	10 Sheets Tin. 2 Chalk Lines. 110 lbs. Round Iron Asst. 2 Carpenters Pencils 1 Set Match Planer. 125 Lbs Spirit gum. 82 " Marlins. 35 " Housline. 55 " 6 Thrd Hemp Rope. 25 " 9 " " " 90 " 18 " " 30 " Hambro line. 48 " 2 1/4 in. Hemp Rope. 57 " 1 1/2 " Manila " 70 " 2 " " " 137 " 3 " " " 12 Marlins Spikes. 1 Bending Shackle 172 lbs. 300 Lbs Junk. 46 Corn Brooms. 35 Hickory " 55 Lbs Rigging Leather. 4 Palms. 24 Sail Needles. 2 Bbls, Lime. 4 Lbs Beeswax. 16 Seaming Needles. 6 4 Thrd " 4 Mem. Books. 1/2 Ream Cap. Paper. 1/4 " Note " 1 Gross Steel Pins. 2 Pints Black Ink.
<ul><li>6 Shots Blotting Paper.</li><li>70 Tons Anthracite Coal.</li></ul>	1/2 Cord Pine Wood. 1/2 Cord Pine Wood.

[Editor's note: The following is a continuation of the previous page's note that was attached to the logbook entry for July 24<sup>th</sup>, 1877.]

### Stores Received in Paymaster Department.

255 Galls Beans. 2037 Ibs Sugar. 200 " Rice. 4 Bbls Flour. 120 Ibs Dried Apples 1200 " Coffee 300 " Tobacco 975 " Soap 384 " Preserved Beef 505 " Sugar 4 Bbls Pork 100 Doz Pearl Buttons.	144 Doz D. C. Buttons. 400 Spools Silk. 12 Doz Small Buttons 25 Tin Pans. 25 " Pots. 24 Can Openers. 6 Mus Kettles. 7 " Pans. 60 Doz Medium Buttons 100 Spools Cotton. 980 yds Flannel. 50 Pairs Calf Skin Shoes.
•	980 yds Flannel.
25 Pairs B. C. Trousers	50 " Kip " "
50 " Duck " 120 galls Beans.	92 yds Sheeting 5904 lbs. Bread.

Stor	es Received in Engineers Department.
15 Bath Bricks.	168 lbs. Rubber Sheet 1/4 in.
1 Bolt, Main Pillow-Block, Cap.	8 " Rottenstone.
28 lbs Brass Sheet, No. 14.	300 " Sal Soda.
30 " Copper Braziers.	2 Ink stands.
3 bush, Charcoal Hardwood.	3 Bottles Black Ink.
4 lights glass, window 16 x 18.	120/480 Rm. Paper Official.
12 Lamps, Hands, Brass.	120/480 " " Letter.
2 Bbls Lime, Slacked.	120/480 " " Foolscap.
278 galls, Oil, Sperm.	50 Envelopes Letter.
260 lbs Oatmeal.	12 Tube Lamps.
100 " Potash	<ol><li>Thermometer Hotwell.</li></ol>
25 " Pipe Copper 1/2 in.	6 Union Brace 1/2 in.
29 " Packing Asbestos 1 1/8	in. 471 lbs Zinc Slab.

Commences and until 4 A.M. Clear and calm. Bright moonlight. Ebb tide.

(Signed) C. G. Calkins Master.

From 4 to 8 A.M. Cloudy but pleasant. Calm. Light S.W[ester]ly breeze. Flood tide. At 6.30 started fires in Nos. 1 and 3 boilers. Tug "Triana" was towed up to yard. "Leleigh" got underway and was towed up to dry dock. At 7.45 made interrogatory signal 5455. "Franklin" answered and made 904. At 8 loosed sail.

(Signed) W. H. Allen Midn.

From 8 to Merid. Cloudy and warm, with light airs from S. and W. Fired pipes put in by Engineers Department, in yard and found them tight. Fires banked in two boilers, average steam pressure 75 lbs. Transferred Wm G. Smith (O.S.2.C.) to Naval hospital. Received from U.S.R.S. "Franklin", Henry Wilson (Sea) shipped for three years from today for general service. Received stores in Equipment, Construction, Engineers and Paymaster Depts, as per appended lists. Past. Asst. Paymaster S. D. Hurlburt returned from leave. D. O'Hara (P.M.) is declared a deserter, he having been absent from the ship ten day without leave.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Partially clear and pleasant first three hours, thunder squalls during last. Light breeze from S.W. Tide turned flood at 3. At 2.30 made interrogatory signal 4826. "Franklin" answered and made 904. At 2.35 furled sail. At 3.30 hauled fires. Engaged in provisioning and watering ship. Midn. R. Henderson was released from suspension. Bailey Leamey (O.S.2.C.) run from gig while ashore on duty.

(Signed) W. G. Hannum Midn.

From 4 to 6 P.M. Rainy first part of watch, clearing in latter part. Light airs from S. and W. (Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Cloudy and warm. Calm. Flood tide. At 6.10 Battalion was drilled ashore with small arms and gatling gun.

(Signed) T. D. Griffin Midn.

From 8 to Midnight. Cloudy, with no breeze. High water at 9.

(Signed) C. G. Calkins Master.

(Signed) Asa Walker, Lieut. Navigator.

		WINDS	i.	BAROI	METER.	TE	EMPERAT	JRE.	State of	Forms of	<u>.</u> .	State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_										•				
				OW	4	20.44	70	04	70			Cum	4		
1				SW	1	30.14	79	81	79 "		bc	Nimb "	1		
2				Calm "	0	"	"		"		0	"	0		
3						"	"	80				"			
4				SW "	1		"		78			"			
5					u	30.12	"		79		bc	u	2		
6				NE Calm		30.10	"	81 "	80		or	u	0 7		
7				Calm SW	0	30.09					bc "	Cir Cum	8		
8 9				SVV "	1	30.07 30.06	80 81	82 83	81 82		и	Cir Cum			
10				Calm	0	30.00	82	85	83		и	u	"		
11				"	"	30.02 "	83	86	84		и	u	"		
Noon				Variable	0-1	u	85	88	85		"	u	44		
NOOH				variable	0-1		65	00	00						
Dista	nce ru	un bv Lo	oa since pre	eceding Noon							knots	f	athoms		
		y D. R. a	•	<b>J</b>							0			и	
			. at Noon								0			"	
_			vations at N	loon ⊙							0			и	
				om Forenoon	Observati	ons ⊙					0			"	
		ring the		knot		fms. per	hour, se	etting to	the						
		-		Amplitude ⊙ o	observed	at Sunrise					0	44		ш	
				Azimuth ⊙ ob							0	44		ш	
Wate	r exp	ended o	luring the p	receding 24 h	ours								300 ga	allons.	
Wate	er				during	the preceding	24 hou	rs						ш	
Wate	r rem	aining c	n hand fit f	or me at Noor	า								2600	) "	
Coal	consi	umed dı	uring the pr	eceding 24 ho	ours						1	tons	475	lbs.	
Coal	rema	ining on	hand at No	oon							137	ш	265	"	
P,M															
1				Е	2	30.00	88	89	86		bc	Cum Str		7	
2				и	1	29.94	44	44	"		ш	"		6	
3				ű	ш	и	ш	ш	44		ш	"		u	
4				и	и	29.92	"	"	44		ш	"			
5				ű	1-2	29.91	"	"	87		"	u		3	
6				S	"	29.90		"						4	
7						"	86 "	88	86			Cir Cum		5 "	
8									85		"				
9				Calm "	0	29.92	85	86	84		"			9	
10						"	83	85 "	83		"			"	
11 Mid				и			82		82		44	и			
Mid.						29.94	•	84	٠						
Long	itude	hy Chro	nometer fr	om Afternoon	Oheenict	ione 🗨					0			и	
_				bservations	ODSCI VAL	0113			k		0			"	
_			ompass by			^	bserved				0			"	
			ompass by	Amplitude		U	at	at Julis	Ci		0			"	
vaila	alon 0	, uic 00	mpass by				al								

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast but pleasant. Light airs from S.W. and calm. Ebb tide. Obscured moonlight.

(Signed) W. H. Allen Midn.

From 4 to 8 A.M. Cloudy. Rainy first part of watch, clear latter part. Cum. Nimb. clouds. Flood tide. At 6 coal schooner came alongside.

(Signed) Richard Henderson Midn.

From 8 to Merid. Clear and hot, with light variable airs and calm. Turned ebb at 9.40. At 8.30 commenced coaling ship. Received in Equipment Dept, 500 yards of old canvass.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and warm. Light breeze from E. Coaling ship.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light breeze from S. Tide turned flood at 4. Finished coaling ship. E. F. Ferry (O.S.2.C.) reported return from leave of absence. At 6.30 made interrogatory signal 2984. "Franklin" answered and made 904. Received 70 tons of coal.

(Signed) W. G. Hannum

Midn.

From 8 to Midnight. Clear and pleasant. Calm. Bright moonlight. Turned ebb at 9.30.

(Signed) T. D. Griffin Midn.

(Signed) Asa Walker, Lieut. Navigator.

		WIND	WINDS.			BAROMETER.		EMPERATI	JRE.	State of	Forms of		State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	6	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	ш									-	-		2.47		
				0-1	0	,	20.00	00	0.4	00			0:- 0	•		
1				Calm "	0	2	29.96	82	84	80		bc "	Cir Cum	8		
2				ш	и	"		"	"	и		и	и	"		
3 4				u	ш	"		"	ш	ш		"	u	"		
5				u	u	-	29.95	и	"	82		u	"	6		
				ш	"			и	44	"		"	Cum	4		
6				и	u		29.96			и		"	Nimb "			
7							29.98	"	83	"				2		
8				S by E	1	3	30.00	"	"	"		or		0		
9					"							bc "				
10					u			83	84	83		"	u	2		
11				ш	и		29.99	84	83 86	84		и	и	5 6		
Noon								04	00	04				0		
Distan	ce ru	ın by I d	na since pr	eceding Noor	1							knots	fa	athoms.		
			at Noon									0	,		"	
			. at Noon									0			и	
			vations at N	Noon ⊙								0	,		"	
				om Forenoon	Observat	ions ⊙						o			ш	
_		ing the		kno			ns. per h	nour, se	tting to	the						
Variati	on of	the Co	ompass by	Amplitude ⊙	observed	at Sunr	rise		-			0	66		"	
Variati	on of	the Co	ompass by	Azimuth ⊙ ol	served a	t						0	ш		ш	
Water	expe	ended o	during the p	receding 24 h	nours									300 gal	lons.	
Water		Rece	eived		during	the pre	ceding	24 hour	s					400	"	
Water	rema	aining c	on hand fit f	or me at Noo	n									2900	u	
Coal c	onsu	med dı	uring the pr	eceding 24 h	ours								tons	275	lbs.	
Coal re	emaiı	ning on	hand at N	oon								136	" 2	2230	"	
P,M																
1				Variable airs	0-1	2	29.98	85	86	85		bc	Cum Nimb	5		
2				ш	44	2	29.97	86	87	86		u	u	4		
3				ш	ш	2	29.96	87	88	u		и	u	"		
4				ш	44	2	29.94	"	89	87		44	u	u		
5				ш	"	"	4	"	"	и		"	"	u		
6				ш	44	2	29.93	"	88	ш		44	ш	3		
7				ш	44	"		86	87	86		44	Cir Cum	4		
8				ш	44	"		"	86	84		44	ш	6		
9				Calm	0	"		84	85	83		ш	Cum Str	5		
10				ш	"	"	4	"	84	82		"	"	6		
11				ш	44	"		"	"	и		"	u	u		
Mid.				ш	44	"		"	"	ш		44	ш	u		
-				om Afternoon	Observat	tions						0	•		и	
•		•		bservations						k		0			и	
			ompass by	Amplitude			ob		at Suns	et		0			и	
Variati	on of	the Co	ompass by					at				0	•		ш	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Calm and pleasant. Ebb tide. Bright moonlight.

(Signed) C.G. Calkins Master.

From 4 to 8 A.M. Cloudy, warm. Light variable airs and calm. Flood tide. Made preparations for hauling out from dock.

(Signed) W. H. Allen Midn.

From 8 to Merid. Overcast and rainy first hour. Cloudy and clear last part of watch. Cum. Nimb. clouds. High water slack at 9.30. At 9.50 mustered at quarters. Made preparations for getting underway. hauling out.

(Signed) Richard Henderson Midn.

From Merid. to 4 P.M. Cloudy and warm, light variable airs and calm. John O' Neil (C. of F.) was released from confinement, his term of sentence having expired. Running ebb tide.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Weather warm. Light variable airs. Tide turned flood at 5. At 6.15 general assembly was sounded from flag ship. Held Dress Parade and Battalion drill.

(Signed) W. G. Hannum Midn.

From 8 to Midnight. Clear and calm. Ebb tide at 9. Moon rose at 8.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

V		WINDS	WINDS.			BAROMETER.		MPERATI	JRE.	State of	Forms of	ls. sa	si State				
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clea	Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1				Calm	0	2	29.96	83	83	81		bc	Cir Cum	9			
2				u	u			u	u	"		"	и	u			
3				ш	u	2	29.97	82	u	44		"	er.	"			
4				SSE	0-1	2	29.98	83	84	"		"	Cum	"			
5				SW	u	3	30.00	83	84	44		ш	Cum	"			
6				"	u	3	30.02	u	u	44		"	u	"			
7				и	u	3	30.05	и	и	u		"	u	ш			
8				u	u	4		u	u	"		u	ш	"			
9				S	u	4	и	84	87	85		u	Cir Cum	7			
10				ш	"	4	и	85	89	87		"	и	6			
11				ш	u	4		86	90	88		"	u	5			
Noon				Calm	0	3	30.08	88	91	"		ш	ш	и			
D: 1																	
				eceding Noon								knots °		fathon		ш	
			at Noon									0				ш	
			. at Noon vations at N	loon @								0		4			
				om Forenoon	Observati	one 🗨						0		4			
Curre				knot			ns. per h	nour sa	tting to t	the.							
								ioui, oc	tung to t			0				ш	
Variation of the Compass by Amplitude ⊙ observed at Sunrise  Variation of the Compass by Azimuth ⊙ observed at												0		"			
				receding 24 h										300	gallon	S.	
Water				Ü		the pre	ceding :	24 hour	s						Ü	"	
		ning o	on hand fit fo	or me at Noor	_	·	Ü							26	00	"	
				eceding 24 ho									tons	275	lbs		
Coal r	emaini	ing on	hand at No	oon								136	44	1955	"		
P,M																	
1				SSE	0-1		30.04	90	92	89		bc	Cum Nir	nb	4		
2				ш	1		30.00	и	и	44		4	u		"		
3					1-2	2	29.97	91	93	"							
4					2					90					6		
5				Variable "	0-1	4	29.96						"		5		
6				u	и		ш	u	92	"		ш	и		4		
8				u	и		ш	u	"	"		ш	и		ى "		
9				ш	"		29.94	90	44	88		"	u		1		
10				ш	"		29.93	"	90	86		"	u		"		
11				u	"	4		"	90 "	"		44	"		u		
Mid.				ш	и	:	29.92	"	u	"		"	u		"		
						•											
Longit	ude by	y Chro	nometer fro	om Afternoon	Observati	ions ⊙						0		•		ш	
-				bservations					*	¢		0				u	
_			ompass by A				ob	served a	at Sunse	et		0				u	
Variat	ion of t	the Co	ompass by					at				0		•		u	

Commences and until 4 A.M. Clear and pleasant. Calm. Light airs from S.S.E. last hour. Ebb tide. Bright moonlight.

(Signed) T. D. Griffin Midn.

From 4 to 8 A.M. Clear and warm. Light airs from S. and W. Flood tide after 4.30. At 7.50 made interrogatory signal 5455. "Franklin" answered and made 904. Loosed sail at 8.

(Signed) C. G. Calkin Master.

From 8 to Merid. Clear and warm. Light S[outher]ly airs. At 9.20 mustered at quarters. Tide turned ebb at 10. John P. Marker (1.C.B.) is declared a deserter, he having been absent from the ship ten days without leave. John Mason (Mach) reported expiration of time of service.

(Signed) W. H. Allen Midn.

From Merid. to 4 P.M. Cloudy, partially clear. Warm. Light S[outher]ly airs. At 1 made interrogatory signal 5455. Answered by "Franklin" 904. Furled sail. At 1.15 made interrogatory signal 2984, answered by "Franklin" 904. High water slack 1.50. Received from U.S.R.S. "Franklin" Joseph Smith (Lds).

(Signed) Richard Henderson Midn.

From 4 to 8 P.M. Cloudy and warm, light variable airs. Battalion, composed of men from "Hartford", "Ossipee" and "Essex", drilled in yard.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Overcast and warm. Light variable airs. High water at 10.45.

(Signed) W. G. Hannum Midn.

(Signed) Asa Walker, Lieut. Navigator.

		WIND	S.	BARON	METER.	TI	EMPERAT	URE.	State of	Forms of	<u>-</u>	, Sta	ate		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky in 10ths	th Se	Record of the sail the vessel is
A,M															
1				Calm	0	29.98	85	86	85		bclt	Cir Cum	5		
2				и	u	u	"	"	u		u	и	"		
3				и	44	30.00	"	"	u		"	u	"		
4				ш	"	u	"	"	"		u	u	и		
5				NE	2	30.00	84	85	83		obt	Cum	0		
6				и	1	30.02	83	"	82		0	Nimb "	ш		
7				Calm	0	30.03	"	"	"		"	u	"		
8				SSE	1	30.06	"	"	u		bc	Cir Cum	7		
9				S	44	30.05	85	86	83		"	u	8		
10				SW	44	u	"	"	u		"	u	"		
11				ш	"	30.03	88	88	84		u	u	и		
Noon				ш	"	"	90	91	86		"	u	ш		
Distar	nce rui	n by Lo	g since pr	eceding Noon	ı						knots		fathoms	<b>3</b> .	
Latitu	de by	D. R. a	t Noon								0	4		"	
Longi	tude b	y D. R	at Noon								0	•		"	
Latitu	de by	Observ	ations at N	Noon ⊙							0	,		"	
Longi	tude b	y Chro	nometer fr	om Forenoon	Observat	ions ⊙					0	4		"	
Curre	nt duri	ing the	time	kno	ts	fms. per	hour, se	etting to	the						
Variat	ion of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise					0	6	4	44	
				Azimuth ⊙ ot							0		4	"	
		nded d	uring the p	receding 24 h									600 g	allons.	
Water					_	the preceding	24 hou	rs						"	
				for me at Noo									200		
				receding 24 h	ours						100	tons	275	lbs.	
Coair	emain	ning on	hand at N	oon							136		1680		
P,M															
1				WSW	2	30.00	89	92	88		bc	Cir Cum		8	
2				W	1-2	29.96	90	93	90		"	"		7	
3				S	0-1	u	"	92	u		"	Cum Nim	nb	5	
4				Calm	0	29.94	91	"	u		bct	u		u	
5				S	0-1	29.91	"	93	u		bcr	u		u	
6				Calm	0	"	"	92	89		ш	u		u	
7				SE	1	29.90	90	91	88		bc	u		u	
8				ш	"	ш	"	90	87		bcl	u		u	
9				Variable	0-2	29.92	88	88	86		clt	Nimb		0	
10				S	2	u	85	85	83		bltr	u		u	
11				ш	ш	ш	82	82	81		ш	ш		"	
Mid.				Calm	0	u	ш	44	u		ш	u		и	
_				om Afternoon	Observat	ions					0	4		ш	
-		-		bservations					*		0	,		и	
				Amplitude		0	bserved	at Suns	set		0	,	4	и	
Variat	ion of	the Co	mpass by				at				0		4	"	

Commences and until 4 A.M. Weather cloudy, with thunder and lightening. Calm. Hot.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 A.M. Overcast first part, clear and pleasant last hour of watch. Light variable airs. Turned ebb at 5.30.

(Signed) T. D. Griffin Midn.

From 8 to Merid. Clear and warm. Light airs from S. and W. High water at 10.30. George O. Holden (W.O.C.) and John F. Partlow (O.S.2.C.) were declared deserters, having been absent from the ship ten days without leave. Alexander Owens (W.R.S.) was also declared a deserter, having absented himself from the ship in citizens clothing with intention to desert. Master C. G. Calkins was detached from this ship and ordered to report for duty on board U.S.R.S. "Wyoming" at Washington D.C. by order of Navy Department.

(Signed) C. G. Calkins Master.

From Merid. to 4 P.M. Clear and warm. Light variable airs. Ebb tide. Held auction sale of deserter effects, proceeds amounting to \$9.65°.

(Signed) W. H. Allen Midn.

From 4 to 8 P.M. Clear, partially cloudy, with light showers first hours. Calm, light S.E[aster]ly airs last part of watch. Cum. Nimb. clouds. Low water slack at 5. P.A. Paymaster S. D. Hurlburt was transferred to Naval Hospital Norfolk Va. Lightening in eastern horizon. Sounded assembly at 6.30. Exercised Battalion.

(Signed) Richard Henderson Midn.

From 8 to Midnight. Cloudy and rainy, with sharp thunder and vivid flash of lightening. Running flood tide.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

		WIND	S.	BAROMETER.		Т	EMPERAT	URE.	State of	Forms of	٠.	State			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Feeway in inche	att'd.		Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	Œ.								•	•		ш. 00		
•				Colm	0	20.0	2 00	70	70		0	Cum			
1				Calm "	0	29.9		79 "	78 "		0	Nimb "	1		
2							81	"	"		"				
3				ш	"	"		u	u		u	u	и		
4 5				W	1	и	80 79	"	u		bc	Cir Cum	6		
6				«	"	u	78	80	u		"	"	8		
7				NNW	"	29.9		"	"		u	u	9		
8				"	и	"	80	82	80		ш	u	"		
9				ш	ш	29.9		86	86		ш	u	8		
10				N	44	u	89	90	u		"	u	u		
11				NE	"	29.9	0 "	92	88		ш	u	5		
Noon				u	u	"	"	"	"		bcp	u	u		
Dista	nce ru	un by Lo	og since pro	eceding Noon	ı						knots		fathoms.		
		/ D. R. a									0			ш	
			. at Noon								0	4		и	
			vations at N								0				
				om Forenoon							Ü	•			
		ring the		kno			er hour, s	setting to	the		0			"	
				Amplitude ⊙							0	64		u	
				Azimuth ⊙ ob receding 24 h									400 ga	llone	
Water		ended d	uning the p	receding 24 i		the preced	ina 24 ho	ure					400 ya	"	
		aining o	n hand fit f	or me at Noo	_	inc preceu	ing 24 110	uis					1600	u	
		_		eceding 24 h								tons	275	lbs.	
			hand at N								136	u	1405	u	
		•													
P,M															
1				NE	1	29.8		88	86		bc	Cum Nim	nb 4		
2				"	"	29.8	4 "	"	87		u	u	2	!	
3				NE by E	"	u	87	ш	u		ш	u	"		
4				ENE	u	u	86	89	"		u	u	u		
5				ESE	1-2	29.8	2 85	ш	86		ш	u	1		
6				S	1	29.8	1 86	88	"		и	u	4		
7				ш	"	29.8		86	ш		ш	Cir Cum	5	i	
8				es	"	u	и	"	u		ш	ш	4		
9				и	44	"	84	"	и		ш	Cir Nimb			
10				Calm "	0	"	и	85 "	85		bcp	u	2		
11					"	"	"	"	84		bc "				
Mid.				-	-				83			-	4		
Longi	tude I	hy Chro	nometer fr	om Afternoon	Ohsenia	ions @					0			ш	
_				bservations	ODSCIVA				*		0			"	
_			mpass by				observe				0			и	
			mpass by	,			а				0			"	
			. ,												

Commences and until 4 A.M. Overcast, warm and pleasant. Calm. Ebb tide. Obscured moonlight.

(Signed) W. G. Hannum Midn.

From 4 to 8 A.M. Clear and pleasant. Light airs from N. and W. Turned flood at 6.30.

(Signed) T. D. Griffin Midn.

From 8 to Merid. Weather warm and pleasant. Light breeze shifting from N.W. to N.E. Light showers latter part of watch. At 10 inspected ship and crew at quarters. Commanding Officer read prayers. John Lucey (O.S.) John Pettit (O.S.) and Thomas Ludden (Lds) was considered deserter from this date, having been absent ten days without permission. High water at 12.

(Signed) James K. Cogswell

Lieut.

From Merid. to 4 P.M. Cloudy and warm. Light airs from S. and E. Ebb tide.

(Signed) W. H. Allen Midn.

From 4 to 6 P.M. Cloudy, warm. Light variable airs Cum. Nimb. clouds. Ebb tide.

(Signed) Richard Henderson

Midn.

From 6 to 8 P.M. Clear and warm. Light airs from S. At 6.50 made interrogatory signal 2985. "Franklin" answered and made 904. Turned flood at 7.20.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Weather warm, with occasional light showers of rain. Flood tide. Obscured moonlight. Barometer steady.

(Signed) W. G. Hannum Midn.

(Signed) Asa Walker, Lieut. Navigator.

WIND		i.	BAR	BAROMETER.		EMPERAT	URE.	State of	Forms of		State				
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Skv. in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				SSE	1	29.82	83	84	83		bc	Cum	1		
2				u	u	"	и	"	ш		u	Nimb "	ш		
3				Calm	0	"	и	"	и		u	"	и		
4				"	"	u	82	83	ш		и	ш	5		
5				ш	u	29.84		"	u		u	Cum Str			
6				ш	u	29.86		84	u		u	"			
7				"	u	"	"	"	ш		u	"	8		
8				N	2	ű	u	"	u		и	u	и		
9				u	1	"	84	86	84		и	Cum	6		
10				ш		u	и	u	и		u	"	5		
11				N by W		"	"	87	86		u	"	и		
Noon				и		29.85	85	88	u		и	ш	6		
Distan	ice rur	n by Lo	og since pre	eceding Noon							knots		fathoms		
Latitud	de by I	D. R. a	at Noon								0		4	**	
Longit	ude b	y D. R	. at Noon								0		•	ш	
			vations at N								0		4	u	
_				m Forenoon	Observati						0		4	u	
Currer		-		knot		•	r hour, s	etting to	the		0				
				Amplitude ⊙ o										"	
				Azimuth ⊙ ob							0		ш		
		nded o	during the p	receding 24 h									400 g	allons.	
Water					_	the precedir	ıg 24 hou	irs							
				or me at Noor									1200		
				eceding 24 ho	ours						400	tons	275	lbs.	
Coair	emain	iing or	n hand at No	oon							136		1130		
P,M															
1				N by W	1	29.84	86	88	86		bc	Cum Nir	mb	5	
2				"	2	29.82		"	u		"	"		"	
3				N	ш	29.80		"	"		u	u		6	
4				NNE	3	29.81		"	u		"	u		7	
5				"	"	29.80	88	u	ш		u	Cum		6	
6				"	u	"	"	"	ш		u	"		u	
7				u	2	29.82	87	87	и		"	u		7	
8				ш	44	u	86	u	85		u	ш		"	
9				Calm	0	29.86	85	86	82		b	None		10	
10				u	"	u	84	u	и		"	u		u	
11				u	"	29.87	83	85	81		u	"		"	
Mid.				"	"	"	"	"	"		"	"		"	
Longit	ude b	y Chro	onometer fro	om Afternoon	Observat	ions ⊙					0		4	ш	
Longit	ude b	y Chro	onometer O	bservations				:	*		0		4	u	
Variati	ion of	the Co	ompass by	Amplitude			observed	at Suns	set		0		4	"	
Variati	ion of	the Co	ompass by				at				0		4	"	

Commences and until 4 A.M. Cloudy and pleasant. Light S.S.E[aster]ly airs first part, calm latter part of watch. Lightening to N. and E. Turned ebb at 12.15. Barometer steady.

(Signed) T. D. Griffin Midn.

From 4 to 8 A.M. Clear and warm. Calm. Light airs from N latter part of watch. Low water at 8. Loosed sail at 8. Made interrogatory 5455, "Franklin" answered 904.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and warm. Light airs from N. Flood tide. At 9.15 inspected at quarters. "Ajax" was towed down from dry dock and made fast to buoys in stream. "Pinta" came to yard from Washington.

(Signed) W. H. Allen Midn.

From Merid. to 4 P.M. Clear partially. Cloudy. Warm. Cum. Nimb. clouds. Light N[orther]ly breeze. Ensign C. B. T. Moore reported for duty. High water slack at 12.40. At 12.55 made interrogatory signal 4826, answered by "Franklin" 904. Furled sail. At 1.20 made interrogatory signal 2984, answered by "Franklin" 904. Charles White (P.M.) was transferred to Naval Hospital Norfolk Va.

(Signed) Richard Henderson Midn.

From 4 to 6 P.M. Clear and pleasant. Light wind from N.N.E. Commenced tarring down at 5.30. Running ebb tide.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Clear and pleasant. Light breeze from N. and E. Tide turned flood at 7. Engaged in tarring down rigging during first hour.

(Signed) W. G. Hannum Midn.

From 8 to Midnight. Clear and calm. Moon rose at 9.45.

(Signed) C.B.T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

WIND		S. E		OMETER.	Т	EMPERAT	URE.	State of	Forms of	_	State	ê			
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	of the Sea	Record of the sail the vessel is
A,M	_									•	•				
				Calm	0	20.00		00	0.4		ha	Ci-	•		
1				Calm "	0	29.86		83	81		bc "	Cir "	9		
2				и	u	29.87	' 81 "	82 "	80 "		ш	"	44		
3 4				и	ш	"	80	"	u		ш	и	"		
5				N	2	29.89		"	81		ш	Cir Cum			
6				"	"	29.0		83	"		"	"	8		
				и	u			"	82		"	Cum	6		
7				u	u	29.94			"		"	Nimb			
8						29.96	"	84	"				4		
9				NE "	3		"				"				
10					4		"	85 "			"	"	5		
11				u	3		83	"			"	"			
Noon					3		83								
Dietan	ıca rur	hv I c	na since nre	eceding Noon	ı						knots		fathoms		
			at Noon	ceding Noon	ı						0		,	·. "	
			. at Noon								0		4	и	
			vations at N	loon ①							0			и	
				om Forenoon	Observat	ions ⊙					0			и	
Curre				knot			er hour, s	ettina to	the						
				Amplitude ⊙			,				0		ш	и	
				Azimuth ⊙ ob							0		ш	и	
				receding 24 h									400 g	allons.	
Water				•		the precedi	ng 24 hou	ırs						"	
Water	remai	ining o	n hand fit fo	or me at Nooi	-		•						80	0 "	
Coal	onsur	ned du	uring the pre	eceding 24 ho	ours							tons	275	lbs.	
Coal r	emain	ing on	hand at No	oon							136	44	855	44	
P,M															
1				NE	3-4	29.96	83	84	82		bcr	Cum Nir	mb	1	
2				ENE	3-5	u	"	"	ш		bcq	"		2	
3				ш	ш	"	"	"	u		ш	"		1	
4				44	3-4	и	"	83	81		bc	"		4	
5				NE	3-5	29.97	82	82	80		bcq	"		3	
6				и	u	29.98		80	"		ш	"		2	
7				ш	и	29.99		"	"		ш	"		1	
8				ш	и	30.00		"	"		ш	"		ш	
9				NNE	3	30.0		44	u		oq	"		0	
10				44	и	30.03		79	77		bcq	"		1	
11				и	и	u	44	44	и		"	и		3	
Mid.				и	и	u	44	"	"		oq	ш		0	
											0				
_				om Afternoon	Observat	ions •			_		0				
-				bservations					*		0				
			ompass by A	Amplitude			observed		set		0				
Variat	ion of	the Co	ompass by				at				0		•	"	

Commences and until 4 A.M. Clear and pleasant. Calm. Turned ebb at 12.30. Bright moonlight. Barometer steady.

(Signed) T. D. Griffin Midn.

From 4 to 8 A.M. Clear and pleasant. Light breeze from N. Ebb tide until 7. Engaged in tarring rigging.

(Signed) W. H. Allen Midn.

From 8 to Merid. Cloudy and pleasant. Moderate breeze from N. E. Inspected at quarters at 9.30. Drilled at infantry tactics. James B. Stanley (1.C.B.) returned aboard, having been absent without permission ten days.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Fresh N.E. breeze with light squalls. Cum. Nimb. clouds. Received from U.S.R.S. "Franklin", George W. King (Lds). Served out clothing. High water slack at 1.30. Sent clothing, belonging to draft of men, on board "Pinta" to be taken to Washington.

(Signed) Richard Henderson Midn.

From 4 to 8 P.M. Cloudy and pleasant, with wind fresh in squalls from N.E. At 7 made interrogatory 2985, "Franklin" answered and made 904. Running ebb tide. G. M. Hermance (O.S.2.C.) is declared a deserter, he having been absent from the ship ten days without leave.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Cloudy and pleasant. Wind fresh in squalls from N. and E. Flood tide. Barometer steady.

(Signed) W. G. Hannum Midn.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WIND	S.	BARG	METER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Kewaay in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	Œ.								-	-		E 0)		
												Cum			
1				E by N	2	30.30	78	80	78		bc	Nimb	3		
2				NE	3	u	ш	и	и		0	u	0		
3				ш	4	u	ш	79	и		и	Nimb	u		
4				и	"		"	80	77		"	u	u		
5				u	3	u	77 "	78 "	"						
6					2		"		78 "		bc "	Cir Cum	1		
7				u	u	30.04		79 "	u				0		
8						30.05					ОС	Nimb Cum	"		
9				u	ш	30.06	78	ш	ш		op	Nimb	"		
10				es	ш	30.07	44	и	u		opt	"	"		
11				es	3	u	44	80	79		op	"	"		
Noon				ш	ш	30.06	и	u	ш		0	u	и		
Dieta	nco ru	ın by Le	na cinco n	receding Noon							knots		athoms.		
			at Noon	eceding Noon							0		automs.	и	
			. at Noon								0			u	
			vations at	Noon (9)							0			u	
				rom Forenoon	Observa	tions ⊙					0			"	
		ring the		kno			r hour, s	ettina to	the						
		-		Amplitude ⊙							0	44		u	
				Azimuth ⊙ ol							0	44		u	
				preceding 24 h									400 ga	illons.	
Wate		Rece				the precedin	g 24 hou	ırs					2200		
Wate	r rema	aining o	n hand fit	for me at Noo			-						3000	"	
Coal	consu	ımed dı	uring the p	receding 24 h	ours							tons	275	lbs.	
Coal	remai	ning on	hand at N	loon							136	и	580	"	
P,M															
1				NE	3	30.04	80	81	79		bcp	Cum Nim			
2				и	и	30.02		и	u		ш	u	2		
3				и	2	u	ш	u	u		ш	ш	3		
4					ш	"	"	u	и						
5				ENE "	"	30.00	80		"		bc "				
6						30.01		"							
7						29.96					u				
8						29.92	79 "	81					4		
9							"	79	78 "		bcqd "		2	2	
10 11				и	"		"	78 "	"		 cd	и	. (	`	
				и	u	u	"	"	u		cu "	и			
Mid.															
Lona	itude l	by Chro	nometer fr	rom Afternoon	Observa	tions ⊙					0			и	
-				Observations				:	*		0			u	
_				Amplitude			bserved				0			u	
			mpass by				at				0			"	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and pleasant. Light breeze from N. by E. increasing to fresh breeze and shifting to N. E. Barometer steady.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Cloudy and pleasant. Light breeze from N. and E. Rainy last hour. Turned flood at 7.

(Signed) T. D. Griffin Midn.

From 8 to Merid. Overcast with frequent passing showers. Moderate breeze from N. E. Flood tide. At 9.20 inspected at quarters.

(Signed) W. H. Allen Midn.

From Merid. to 4 P.M. Cloudy, pleasant. Passing showers. Light breeze from N.E. Assistant Engineer C. L. Dunnett reported for duty aboard this ship. A summons to appear before a civil court in Portsmouth Sept 6<sup>th</sup>, as witness, was served on Fred Porter (C.H.) Received Scott E. Winfield (Lds) from "Franklin".

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy. Pleasant. Light E.N.E. breeze. Cum. Nimb. clouds. At 5.40 made interrogatory signal 2984. Answered by "Franklin" 904. Low water slack at 7.15. At 6.15 sounded assembly. Exercised battalion.

(Signed) Richard Henderson Midn.

From 8 to Midnight. Cloudy, with drizzling rain until last hour when raining continuously. Running flood.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WINDS	i.		BAROM	ETER.	TE	MPERAT	JRE.	State of	Forms of	f =		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, b symbols	y 🛎	Sky, in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1				ENE	2-4		29.92	79	79	78		oqr	Cum	0			
2				"	"		29.94	78	"	"		"	Nimb "	"			
3				ш	2-5		29.94 29.95	"	"	"		"	"	"			
4				ш	z-J "		29.96	и	u	"		"	"	"			
5				и	"		29.97	ш	ш	"		oq	Nimb	"			
6				NE by E	u		"	"	"	ш		"	"	и			
7				"	"		29.95	"	"	"		ogr	"	"			
8				ш	3-4		ш	и	u	u		"	"	44			
9				ш	3-5		u	"	"	u		"	u	"			
10				ш	"		u	"	"	"		"	"	"			
11				u	"		"	"	"	"		"	"	"			
Noon				ш	u		29.94	u	u	u		ш	u	44			
Distar	nce ru	n by Lo	g since pro	eceding Noon								knots		fathoms			
Latitud	de by	D. R. a	it Noon									0		•	ш		
			at Noon									0		•	ш		
			ations at N									0		•	ш		
				om Forenoon								0		'	и		
		ing the		knot				hour, se	tting to	the		0		,,	4		
				Amplitude ⊙			rise					0					
				Azimuth ⊙ ob		t						Ü			"		
		enaea a	uring the p	receding 24 h		41		04 5						400 (	gallons. "		
Water			n band fit f	ion was at Nasau		tne pre	eceaing	24 hour	S					200			
				or me at Noor									tono	260 275	lbs.		
			hand at N	eceding 24 ho	Juis							136	tons "	305	iDS.		
Coarr	Ciliali	illing on	nana at 14	0011								150		303			
P,M																	
1				NE by E	3-5		29.94	78	80	79		ogp	Nimb		0		
2				ш	u		u	79	"	"		oq	"		"		
3				ш	и		29.95	"	81	"		"	"		"		
4				и	и		u	"	80	"		ш	u		"		
5				NE	4-5		29.92	78	"	78		ш	44		"		
6				44	ш		29.90	"	"	"		"	"		"		
7				и	44		u	"	79	"		и	ш		"		
8				44	и		ш	44	44	"		"	"		"		
9				44	3-6		29.91	77	44	77		opq	"		"		
10				ш	u		29.92	и	76	44		ш	и		u		
11							29.93	76		76		u .	u		"		
Mid.				и	и	:	29.90	ш	и	ш			u		"		
		61		A 64 ·	Oh-							0		,	**		
_				om Afternoon	∪bservat	ions ©	'			k		0					
-				bservations				oon oo				0					
			mpass by	Ampillude			OD		at Suns	el		0					
variat	uon of	the Co	mpass by					at							_		

Commences and until 4 A.M. Overcast and rainy. Wind fresh in squalls from N. and E. High water at 2.30.

(Signed) W. G. Hannum Midn.

From 4 to 8 A.M. Overcast and rainy. Fresh squalls from N. and E. Barometer steady.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Overcast, rainy and squally. Moderate breeze from N.E. by E. fresh in squalls. Turned flood 8.30. Barometer steady.

(Signed) T. D. Griffin Midn.

From Merid. to 4 P.M. Overcast. Passing showers first hour. Wind fresh in squalls from N.E. by E. Received in Carpenters Department 95 lbs Brazin's Copper and 3 lbs Copper Nails. Tide changed to ebb at 3.30.

(Signed) W. H. Allen Midn.

From 4 to 8 P.M. Overcast and squally. Fresh breeze from N.E. Made signal 2985, "Franklin" answered 904.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Overcast, cool. Light passing showers. Moderate breeze from N.E. with heavy squalls. Nimbus clouds. Low water slack at 10.

(Signed) Richard Henderson Midn.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WINDS	i.		BAROMI	ETER.	TE	MPERATI	JRE.	State of	Forms of		State	
ή.	ıts	oms.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry Bulb.	Air Wet	Water at	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Hour	knots	Fathoms.				2	inches.		Bulb.	Bulb.	surface	symbols		Prop Sky,		under at end of water.
A,M																
1				NE	3-5		29.90	76	75	74		bcg	Cum Nimb	2		
2				ш	"		"	"	"	u		"	"	"		
3				и	u		"	44	44	и		ш	u	1		
4				и	u		"	"	"	u		bcpg	u	0		
5				N and E	"		u	75	"	ш		оср	u	"		
6				и	"		u	и	76	75		0	"	и		
7				и	u		29.91	"	"	и		od	u	u		
8				и	"		29.92	"	77	ш		0	u	"		
9				ENE	3		29.93	76	"	u		od	Nimb	"		
10				и	u		29.95	"	"	и		0	u	u		
11				и	2		"	"	78	76		"	u	u		
Noon				и	u		29.94	77	"	и		"	"	u		
			-	eceding Noon								knots °		fathoms.	44	
Latitud	•											0			"	
			at Noon	l O								0			"	
			ations at N		Ohaaniat	iono C						0			4	
_				om Forenoon					Hina to	lla a						
Currer		-		knot Amplitude ⊙ d			ms. per l	iour, se	iting to	ine		0	ш		u	
							irise					0	"		"	
				Azimuth ⊙ ob receding 24 h		L								200 ac	llono	
Water		Recei		receding 24 n		the pr	ooodina	24 hour						300 ga 400		
				or mo at Noor	_	tile pi	eceding	24 HOUI	5					2700		
				or me at Noor									tons	2700	lbs.	
			hand at No	eceding 24 ho	Juis							136	"	30	ius. "	
Oourn	oman.	iiig oii	nana at 140	5011								100		00		
P,M																
1				NE by	2		29.92	77	79	77		0	Nimb	(	)	
2				E "	и		u	и	"	4		or	"			
3				"	и		"	"	78	76		"	"			
4				"	1		u	76	"	и		"	u			
5				и	u		29.93	"	77	"		ор	и			
6				u	2		u	"	"	u		bc	Cum Nim	b ·		
7				и	1		u	"	"	и		u	u	2	2	
8				Calm	0		29.95	"	"	и		u	u	;	3	
9				NE	1-0		29.96	75	76	74		"	Cir Nimb	2	2	
10				ш	u		"	"	"	"		"	u			
11				ш	1-2		"	44	75	и		"	ш	4		
Mid.				ee	и		u	44	44	u		44	ш	4		
Longit	ude b	y Chro	nometer fro	om Afternoon	Observat	ions @	)					0			"	
Longit	ude b	y Chro	nometer O	bservations					*	k		0			"	
Variati	on of	the Co	mpass by	Amplitude			ob	served	at Suns	et		0			"	
Variati	on of	the Co	mpass by					at				0	•		u	

Commences and until 4 A.M. Cloudy and squally, with passing showers last hour. Running flood tide.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Weather overcast drizzling rain during last hour. Blowing fresh in squalls from N. and E. Tide turned ebb at 6.30. At 7.45 U.S.S. "Ossipee" dropped under sheers.

(Signed) W. G. Hannum Midn.

From 8 to Merid. Overcast throughout, with moderate to light breeze from E.N.E. Occasionally drizzling rain. Received 400 galls. fresh water.

(Signed) C.B.T. Moore Ensign.

From Merid. to 4 P.M. Overcast and rainy. Pleasant. Light airs from N.E. by E. High water at 3.30. Carpenter's gang from the Yard at work in port steerage.

(Signed) T. D. Griffin Midn.

From 4 to 8 P.M. Cloudy. Rainy first hour. Pleasant remainder of watch. Ebb tide. Carpenter's gang from the yard at work in port steerage.

(Signed) W. H. Allen Midn.

From 8 to Midnight. Overcast. Light N.E. breeze. Turned flood at 10.15.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WIND	S.	В	AROMETER	R.	TE	MPERATI	JRE.	State of	Forms of	_	. :	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway. ir inch		Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear		of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	-										•					
1				ENE	0-1	29.	25 7	75	76	75		bc	Cum	3			
2				"	u-1	<b>2</b> 3.		73 74				ű.	Nimb "				
3				и	ш				75 "	74 "		и	и	4 6			
4				u	"	29.	94		ш	и		44	u	8			
5				Calm	0	29.	ae :	75	76	75		ш	Cir Cum				
6				"	"	<u>2</u> 3.		"	"	"		и	"	"			
7				и	"	29.	98	76	77	76		44	ш	"			
8				u	"	"			78	"		"	u	"			
9				N	1	29.	97 7	78	80	77		"	u	9			
10				u	"	и		79	81	79		и	u	5			
11				u	"	и			u	и		и	u	"			
Noon				u	"	ш	4	ı	82	80		"	u	"			
Distan	ce rur	n by Lo	og since pre	eceding Noor	1							knots		fathoms	S.		
Latitud	de by l	D. R. a	at Noon									0		4	ш		
Longit	ude b	y D. R	. at Noon									0		4	44		
Latitud	de by	Obser	vations at N	loon ⊙								0		4	44		
Longit	ude b	y Chro	nometer fro	m Forenoon	Observat	ions ⊙						0		4	"		
Currer	nt duri	ng the	time	kno	ts	fms.	per hou	ır, se	tting to t	the							
Variati	on of	the Co	ompass by	Amplitude ⊙	observed	at Sunrise						0			44		
Variati	on of	the Co	ompass by	Azimuth ⊙ ol	oserved a							0			44		
		nded c	luring the p	receding 24 h										400 g	allons		
Water					_	the preced	ding 24	hour	S						"		
		-		or me at Noo										230			
				eceding 24 h	ours								tons	275	lbs.		
Coal r	emain	ing on	hand at No	oon								135		1995	-		
ВΜ																	
P,M 1				N	3	29.	ne (	81	83	80		bc	Cir Cum		3		
2				"	4	29.			82	"		"	"		4		
3				и	"	<u>2</u> 3.	50	80	"	79		и	и				
4				и	44	ш	,		81	"		u	u		6		
5				NNE	3	ш	4	и	"	4		ш	ш		7		
6				"	2	u		и	"	78		u	u		"		
7				и	44	29.	97 7	79	80	"		b	None		10		
8				и	1	29.		78	79	4		u	u		"		
9				ENE	0-1	30.		и	"	77		u	u		"		
10				и	44	30.		и	78	"		u	u		"		
11				и	44	30.		ı	"	4		u	u		"		
Mid.				ш	u	"		и	u	и		u	ш		"		
Longit	ude b	y Chro	nometer fro	om Afternoon	Observat	ions o						0		4	и		
Longit	ude b	y Chro	nometer O	bservations					*	ķ		0			"		
Variati	on of	the Co	mpass by	Amplitude			obsei	rved a	at Suns	et		0			"		
Variati	on of	the Co	ompass by					at				0		4	"		

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy, partially clear first part, clear and moonlight second part of watch. Cum. Nimb. clouds. Light E.N.E. airs. Slack water at 3.30. Barometer falling.

(Signed) Richard Henderson

Midn.

From 4 to 8 A.M. Clear and pleasant. Calm. At 7.20 U.S.S. "Leleigh" steamed down the river. At 8 loosed sail. Running ebb tide.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light breeze from N. Tide turned flood at 8.30. At 9.30 "Franklin" fired a salute of 11 guns. Bailey Leamey (O.S.2.C.) is declared a deserter, he having been absent from the ship ten days without leave. At 11.30 furled sail.

(Signed) W. G. Hannum Midn.

From Merid. to 4 P.M. Cleaning up, with moderate to fresh breeze from North. Discharged from this ship and the Naval service at his own request, by order of Bureau of Equipment and Recruiting, George H. Pinder (Lds) Tide turned ebb at 2.45.

(Signed) C.B.T. Moore Ensign.

From 4 to 8 P.M. Clear and pleasant. Light N.N.E. Ebb tide. At 6, the "Catskill" was towed to the dry dock.

(Signed) T. D. Griffin Midn.

From 8 to Midnight. Clear and pleasant. Calm. Tide turned flood at 8.30.

(Signed) W. H. Allen Midn.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WINDS			BAROME	TER.	TE	MPERATU	JRE.	State of	Forms of	_	. St	ate
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	th	Record of the sail the vessel is
A,M	*	ш.									•	•				
				Calm	•		20.02	70	74	70		ha	Cum	7		
1 2				Calm "	0		30.02	72	74 "	72 "		bc "	Cum "	7		
3				и	u		"	и	ш	"		"	"	"		
4				и	u		"	u	"	"		"	"	"		
5				и	u		30.07	u	44	u		u	Cir Cum	9		
6				и	u		30.05	u	"	u		"	"			
7				и	u		30.09	73	"	"		u	и	"		
8				S and E	0-1		30.10	75	75	73		"	u	"		
9				East	2		30.08	76	77	74		u	u	"		
10				North			"	77	80	"		"	u	"		
11				"	"		u	78	"	77		"	u	"		
Noon				и	"		u	79	44	"		"	u	"		
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	S.	
Latitud												0			u	
Longitu	ide by	D. R.	at Noon									0			"	
			ations at No	oon ⊙								0		4	и	
				m Forenoon	Observati	ons @	•					0		4	и	
Curren	t durin	ng the	time	knots	s	f	ms. per h	our, se	tting to t	he						
Variation	on of t	he Co	mpass by A	Amplitude ⊙ d	bserved	at Sur	nrise					0		ш	"	
Variation	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		ш	ш	
Water	expen	ded di	uring the pr	eceding 24 h	ours									400 (	allons.	
Water					during	the pr	eceding	24 hour	s						"	
Water	remair	ning o	n hand fit fo	r me at Noon	1									190	0 "	
Coal co	onsum	ned du	ring the pre	ceding 24 ho	urs								tons	275	lbs.	
Coal re	emaini	ng on	hand at No	on								135	44	1720	ш	
P,M																
1				N	2		30.07	80	81	78		bc	Cir Cum	ı	9	
2				ш	и		"	"	82	"		ш	и		"	
3				NE	и		30.04	"	"	"		ш	и		"	
4				ENE	и		30.01	"	"	"		ш	и		ш	
5				NE by E	и		30.02	81	"	"		ш	и		ш	
6				ш	и		"	"	81	"		ш	и		"	
7				ш	и		30.03	80	80	77		ш	и		"	
8				Calm	0		"	79	79	76		b	None		10	
9				SSW	1		30.06	78	78	75		44	и		"	
10				ш	44		u	76	u	74		ш	"		и	
11				ш	u		"	75	76	"		44	ш		u	
Mid.				ш	"		30.07	ш	ш	"		44	"		u	
-				m Afternoon	Observati	ions @	Ð					0		•		
•			nometer Ob						*			0		4	и	
			mpass by A	Amplitude			ob		at Sunse	et		0		4	и	
Variation	on of t	he Co	mpass by					at				0		4	ш	

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant. Calm. Ebb tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Pleasant. Calm. Ebb tide. Cir. Cum. clouds.

(Signed) Richard Henderson Midn.

From 8 to Merid. Clear and pleasant, with light breeze from North. Tide turned flood at 10.30. at 9.30 had divisional inspection. At 9.45 the Commander inspected ship and crew at quarters. At 10, called all hands to muster and read articles for better government of the Navy. Read prayers. Mustered crew. Sent a party of twenty five men on liberty until 8 P.M.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N. and E. Flood tide. Barometer falling.

(Signed) W. G. Hannum Midn.

From 4 to 8 P.M. Clear and pleasant, with light breeze from N. and E. Tide turned ebb at 5. Calm at 8 o'clock.

(Signed) C.B.T. Moore Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from S. and W. Turned flood at 11.30.

(Signed) T. D. Griffin Midn.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WINDS		В	AROME	TER.	TE	MPERAT	URE.	State of	Forms of			State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Teeway.	n	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	Ľ.									•	•		а.	0)		
				Calm	0	20	00	70	74	74		h	None	40	,		
1 2				Calm SSE	0 1	30.	00	79 74	74 72	74 72		b	None "	10	,		
3				33E	"	"		73	73 "	73 72		bc "	и	"			
4				и	u	"		"	"	"		"	Cir Cum	9			
5				SSW	2	"		u	"	"		u	"	5			
6				"	"	"		"	"	u		"	ш	"			
7				и	u	"		"	"	u		"	ш	4			
8				и	"	"		"	"	"		"	"	5			
9				WSW	"	30.	07	74	76	75		"	"	6			
10				NNW	u	30.		75	78	77		u	u	7			
11				и	"	30.		77	80	79		"	"	6			
Noon				и	u	30.		79	82	82		"	u	"			
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	s.		
Latitud	e by E	). R. a	t Noon									0			6		
Longit	ude by	/ D. R.	at Noon									0			6		
Latitud	e by C	Observ	ations at No	oon ⊙								0			6		
Longit	ude by	/ Chro	nometer fro	m Forenoon	Observati	ons ⊙						0			6		
Currer	t durir	ng the	time	knot	S	fms.	per h	our, se	tting to	the							
Variati	on of t	he Co	mpass by A	Amplitude ⊙ o	bserved	at Sunrise	Э					0		ш			
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		ш			
Water	expen	ided di	uring the pr	eceding 24 h	ours									400	gallons	i.	
Water					during	the prece	ding 2	24 hour	S						•		
		-		r me at Noor										150	00	ı	
				ceding 24 ho	urs								tons	275	lbs.		
Coal re	emaini	ing on	hand at No	on								135	44	1445	"		
P,M																	
1				NE	2	30.	00	80	83	82		bc	Cir Cum	ı	7		
2				"		29.		81	84	"		"	"		8		
3				ш	ш	29.		83	85	85		"	u		"		
4				SE	1	29.		84	"	"		u	ш		9		
5				S	44	29.		u	"	84		"	"		"		
6				"	44	29.		u	84	83		"	"		"		
7				u	и	"		"	83	"		u	u		"		
8				S by E	и	"		"	"	81		u	u		"		
9				Calm	0	"		82	82	80		b	None		10		
10				SSW	2	29.	95	81	81	79		"	u		"		
11				u	и	29.		80	"	"		u	u		"		
Mid.				44	"	u		"	80	"		"	u		"		
Longit	ude by	/ Chro	nometer fro	m Afternoon	Observati	ons ⊙						o			6		
Longit	ude by	/ Chro	nometer Ob	servations					;	k		0		4			
Variati	on of t	he Co	mpass by A	Amplitude			obs	served	at Suns	et		0					
Variati	on of t	he Co	mpass by					at				0		•			

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from S. and E. Flood tide.

(Signed) W. H. Allen
Midn.

From 4 to 8 A.M. Cloudy and pleasant. Light breeze from S. and W.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear. Warm. Light breeze from W. shifting to N. Cir. Cum. clouds. At 9.20 inspected at quarters. James Hackett (2.C.B.) and Nicholas Lynch (2.C.B.) absent without. By order of Commanding Officer, Eugene Buckley (P.M.) was placed in solitary confinement on bread and water for being asleep on post. Received from U.S.R.S. "Franklin". John P. Roberts (Lds E. F.) P. A. Paymaster S. D. Hurlburt returned from Hospital. Navy Yard hands at work in port steerage. Ebb tide.

(Signed) Richard Henderson Midn.

From Merid. to 4 P.M. Clear and warm, light breeze from N.E. until last hour, when shifted to S.E. Discharged John Mason (Mach) his turn of service having expired on the 27<sup>th</sup> ultimo. Tide turned flood at 12.15.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light breeze from S. and E. Tide turned ebb at 6.30. (Signed) W. G. Hannum Midn.

From 8 to Midnight. Clear and pleasant. Ebb tide. Light breeze from S.S.W.

(Signed) C.B.T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Navy Yard Norfolk Va.

				WINDS	S.	BARON	IETER.	TI	EMPERAT	URE.	State of	Forms of	<b>5</b> 2	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	ш.								•					
1				SSW	1	29.95	78	78	77		b	None	10		
2					"	29.93 "	"	"	"		"	"	"		
3				ш	и	u	44	44	"		u	u	"		
4				и	u	и	76	"	76		и	и	"		
5				и	u	и	"	"	77		bc	Cir Cum	3		
6				ш	2	29.97	"	"	"		0	Cum	0		
7				и	"	<u>2</u> 3.31	ш	80	u			Nimb "	1		
8				SW by S	u	u	78	82	78		bc or	ш	0		
9				SW	и	u	"	"	"		"	u	"		
10				"	u	29.95	80	"	79		u	u	"		
11				ш	3	29.94	"	83	80		u	u	"		
Noon				и	3-4	29.92	ш	"	"		bc	и	2		
110011					0 4	20.02					50		-		
Distar	nce rui	n by Lo	og since pr	eceding Noon							knots	fa	athoms.		
			t Noon	ŭ							0			и	
			. at Noon								0			и	
			vations at N	Noon ⊙							0			и	
Longit	ude b	y Chro	nometer fr	om Forenoon	Observat	ions ⊙					0			и	
Curre	nt duri	ing the	time	knot	S	fms. per	hour, se	etting to	the						
Variat	ion of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise					0	ш		и	
Variat	ion of	the Co	mpass by	Azimuth ⊙ ob	served a						0	и		и	
Water	expe	nded d	luring the p	receding 24 h	ours								300 Ga	llons.	
Water		Rece	ived		during	the preceding	24 hou	rs					1500	"	
Water	rema	ining o	n hand fit f	for me at Noo	ı								3000	"	
Coal	consur	med du	uring the pr	receding 24 ho	ours							tons	275	lbs.	
Coal r	emain	ning on	hand at N	oon							142	" 1	310	"	
P,M															
1				SW "	2-3	29.90	80	83	80		bc "	Cum Nimb			
2					"	29.88					u		3		
3				S "		29.87	82	84	82		u	u			
4				SSW	2	29.86 29.84	"	83	81		и	и	4 5		
5 6					4	29.04 "	"	"	0 I "		и	и	4		
7				ш	"	29.83	"	"	u		bcp	u	2		
8				ш	4	"	и	"	и		"	u	3		
9				u	1-2	29.85	44	82	"		bc	ш	"		
10				u	"	29.87	44	"	"		"	ш	"		
11				SW	0-1	"	и	u	ш		u	u	5		
Mid.				"	"	u	u	"	"		и	ш	"		
Longit	ude b	y Chro	nometer fr	om Afternoon	Observat	ions ⊙					0			ш	
-				bservations				:	*		0	4		"	
-				Amplitude		ol	oserved	at Suns	et		0			u	
Variat	ion of	the Co	mpass by				at				0			"	

Commences and until 4 A.M. Clear, cool and pleasant. Light airs from S. and W. Tide turned flood at 2.15. Moon rose at 2.30.

(Signed) T. D. Griffin Midn.

From 4 to 8 A.M. Cloudy but pleasant first part, light fall of rain last hour. Light breeze from S.S.W. High water at 7.

(Signed) W. H. Allen Midn.

From 8 to Merid. Overcast and rainy first part of watch. Cleaning in latter part. Light S.W. breeze. Received 7 tons 140 lbs of coal from Navy Yard. Navy Yard workmen belonging to Construction Department engaged in altering room on port side of steerage.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Passing showers. Light S.W[ester]ly breeze. Cum. Nimb. clouds. Nicholas Lynch and James Hackett (1.C.Boys) were brought aboard by police, and by order of Commanding Officer were placed in double irons to await trial by Court Martial. Low water slack at 1.40. Navy Yard hands at work in port steerage. Engaged in watering and coaling ship. Received in Equipment Department the following stores, Viz. 1/2 Reams Cap Paper. 220 Lbs Bolt Rope. 171 Lbs Manilla. 950 Yds. N° 4 Cotton Canvas. 30 Lbs Cotton Twine. 12 Lbs Beeswax. 10 Oval Thimbles. 52 Round Thimbles. 2 Mattresses. 2 Pillows. 70 Grate Bars. 1 Top Plate.

(Signed) Richard Henderson Midn.

From 4 to 8 P.M. Cloudy and warm, with passing showers last two hours. Wind light from S.S.W. Carpenters from Yard finishing work in port steerage. High water slack at 7.40. Finished coaling, having received 7 140/2240 tons.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light breeze from S. and W. Tide ebb.

(Signed) W. G. Hannum Midn.

(Signed) Asa Walker, Lieut. Navigator.

## LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Off Fort Norfolk Va.

				WINDS	i.		BAROME	TER.	TE	MPERATU	IRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky in 10ths	of the	Record of the sail the vessel is under at end of watch.
A,M	¥	Œ									•			ш. о.		
				CW	4		20.07	00	00	0.4		ha	Cir Cum			
1 2				SW "	1		29.97	82	82	81 "		bc "	Cir Cum	8 7		
3				ш	"		u	"	"	u		"	"	"		
4				Calm	0		29.96		"	u		"	"	6		
5				SW	1		29.84	78	79	78		0	Nimb	0		
6				ű	"		29.85	"	"	"		"	"	"		
7				и	"		29.86	"	"	u		u	u	"		
8				u	"		"	79	81	79		bc	Cir Cum	2		
9				WSW	"		29.85	80	83	79		"	"	3		
10				SW	"		"	82	84	"		u	u	5		
11				"	2		u	"	"	u		u	u	"		
Noon				ш	-		29.83	"	85	u		u	"	"		
							20.00		00							
Distan	ce run	by Lo	g since pre	ceding Noon							ı	knots		fathoms		
Latitud	de by [	D. R. a	t Noon									0			и	
Longit	ude by	y D. R.	at Noon									0			и	
Latitud	de by (	Observ	ations at N	oon ⊙								0			и	
Longit	ude by	y Chro	nometer fro	m Forenoon	Observati	ons ⊙	)					0			и	
Currer	nt durir	ng the	time	knot	s	fr	ms. per h	our, se	tting to t	he						
Variati	on of t	the Co	mpass by A	Amplitude ⊙	observed	at Sun	nrise					0	ш		и	
Variati	on of t	the Co	mpass by A	Azimuth ⊙ ob	served at							0	ш		ш	
Water	exper	nded di	uring the pr	eceding 24 h	ours									300 g	allons.	
Water		Conde	ensed		during	he pre	eceding 2	24 hour	s					10	"	
Water	remai	ning o	n hand fit fo	or me at Noor	ı									290	) "	
Coal c	onsun	ned du	ring the pre	eceding 24 ho	ours							1	tons	835	lbs.	
Coal re	emaini	ing on	hand at No	on								141	"	475	"	
P,M																
1				SW	2		29.80	84	85	83		bc	Cum Nim	ıb	5	
2				ш	44		29.74	"	"	ш		44	"		4	
3				ш	44		29.78	"	"	u		bclt	"		3	
4				ш	44		и	"	"	ш		"	"		5	
5				u	44		u	"	85	ш		bc	u		2	
6	Und	lerway		ш	3		и	84	84	80		or	"		0	
7		,		S	44		29.77	83	83	79		"	"		u	
8				u	44		29.80	"	82	78		op	u		"	
9				u	3-4		29.82	82	"	80		44	u		"	
10				u	44		и	"	"	и		ш	u		"	
11				u	4-5		u	"	81	79		bcp	u		"	
Mid.				u	ш		ш	u	80	ш		ор	ш		ш	
				m Afternoon	Observati	ons ©	)					0	,		и	
_			nometer Ob						*			0	•		и	
			mpass by A	Amplitude			ob		at Sunse	et		0	•		и	
Variati	on of t	the Co	mpass by					at				0	•		и	

Commences and until 4 A.M. Clear and pleasant, with light airs from S.W. Tide turned flood at 1.30. At 2, started fires under boilers Nos. 1, 2, 3, and 4.

(Signed) C.B.T. Moore Ensign.

From 4 to 8 A.M. Overcast and pleasant, cleaning up latter part of watch. Light airs from S. and W. Flood tide. At 4.30 singled fasts and prepared to get underway. Pilot came on board at 5. At 6, engines reported ready. At 6.05 got underway. At 6.35 came in to anchor off Fort Norfolk, swing to 15 fathoms on port chain in 5 fathoms water. At 6.40 crossed royal yards. At 7 Pilot left the ship. Draught forward 13 ft. 11 in. Amidships 14 ft. 11 in. Aft 16 ft. At 6.50 started fires in two more boilers. Banked fires in four boilers.

(Signed) T. D. Griffin Midn.

From 8 to Merid. Clear and pleasant. Light breeze from S. and W. Ship swung to ebb at 9.45. Sent working party to Fort Norfolk to load ammunition lights. Thomas I. Maddin (1.C.B.) remained ashore without leave. Received in ships company Wm. C. Robinson (Lds), he having enlisted for the cruise of the "Essex".

(Signed) W. H. Allen Midn.

From Merid. to 4 P.M. Cloudy and warm. Light breeze from S.W. Nimbus clouds. A light thunder shower passed at 3. Received and stowed below ammunition. At 3.30 Pilot returned.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy. Rain squalls last part of watch. Cum. Nimb. clouds. At 4.50 engines reported ready. At 5.15 got underway and stood down Elizabeth river in charge of Pilot. Draught water forward 14 feet, Amidships 15 feet, Aft 16 feet. At 6.15 made our number, answered by "Powhatan." "Powhatan" made general signal 1244. At 6.55 came to anchor in Hampton Roads Va, in 10 1/2 fathoms water, swing to 45 fathoms port chain. Bearings at anchor. Old Point Light N.N.E. 1/4 E. Thimbles E. by N 3/4 N. Rip Raps S.E. 1/2 S. At 7.05 sent down royal yards. Flood tide. Commanding Official visit to Flagship.

(Signed) Richard Henderson Midn.

From 8 to Midnight. Cloudy, with passing showers of rain. Fresh breeze from South. At 9.20 slack water. At 9.35 swung to ebb. Allowing fires to die out. Distilling. Average steam pressure 30 lbs.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BAROM	ETER.	TE	MPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Skv. in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	ш									•		2.0		
				CW	4.0	20.02	70	04	00			Cum	0		
1				SW "	1-3	29.82	78	81	80		or "	Nimb "	0		
2					"	"		80	79			"			
3							"	79 "	78 "		bc "	u	2		
4				u	1-2		"						1		
5					2		"	u	77		0	Nimb "	0		
6				u	"	"			78 "		u	u			
7 8				и	"	и	44	"	u		и	и	"		
9				и	1	u	"	"	u		or	и	"		
10				Calm	0	u	"	80	79		or	u	"		
11				E	1	29.80	"	"	"		0 on	u	"		
Noon				"	"	29.00 "	79	"	ш		op "	u	"		
NOOH							15								
Distan	nce rur	n by Lo	og since pre	eceding Noon							knots		fathoms	i.	
			t Noon	Ü							0			44	
			. at Noon								0			"	
			vations at N	loon ⊙							0			"	
Longit	ude b	y Chro	nometer fro	m Forenoon	Observati	ons ⊙					0	•		"	
Curre	nt duri	ng the	time	knot	ts	fms. per	hour, se	etting to	the						
Variat	ion of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise					0		4	44	
Variat	ion of	the Co	mpass by	Azimuth ⊙ ob	served at						0		4	44	
Water	exper	nded d	luring the p	receding 24 h	nours								300 g	allons.	
Water					during	the preceding	24 hou	rs						и	
Water	remai	ining o	n hand fit fo	or me at Noo	n								2600	0 "	
Coal	consur	ned du	uring the pre	eceding 24 ho	ours						1	tons	435	lbs.	
Coal r	emain	ing on	hand at No	oon							140	и	40	66	
P,M															
1				Calm	0	29.80	79 "	80	79		0	Cum Nin		0	
2				NW	1	u			"		ор	u			
3				NE "	ш		"	u	"		bdp	"		1	
4					"	29.79					0			0	
5				ESE "	"	29.76	"		78 "		bc "	Cir Cum		1	
6						29.74								3	
7				Calm "	0	29.75	"	"	70		u	u		0	
8 9				ш	u	29.76	"	u	79 "		u	u		2 5	
				NUA		29.79		"	"		и				
10				NW "	1 2	и	"	u	"			Cum Nin		6 4	
11 Mid				и		20.70	44	"	78		bcp			5	
Mid.						29.78			10		bc	Cir Cum		J	
Longit	ude h	v Chro	nometer fro	om Afternoon	Ohservat	ions ①					0			ш	
_				bservations	Judi val			2	k		0		4	и	
-		-	mpass by			oh	served	at Suns			0		4	"	
			mpass by			O.	at				0		4	и	
			,												

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast Cloudy. Rainy during first two hours. Light breeze, freshening in puffs from S.W. Riding to ebb. At 2 stopped distilling and hauled fires in all boilers.

(Signed) W. G. Hannum Midn.

From 4 to 8 A.M. Overcast with light breeze from S.W. Tide turned flood at 5.40. At 7.30 Flagship signaled 3351, answered. Signaled to Flagship 4363. Flagship answered 986, answered.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Overcast and warm. Calm first part, light airs from E. latter part of watch. Light sprinkling of rain during part of watch. At 9.45 made interrogatory signal 6222. Flagship answered 904, answered. By order of Commanding Officer, placed John Hall (1.C.B.) in solitary confinement, on bread and water, for skulking and insolence to B. Mate, and released Eugene Buckley (P.M.) Ship swung to ebb at 10.30. Scraped spars. Chief Engineer P.A. Rearick left the ship on leave of absence for 36 hours.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Overcast, with frequent passing showers. Light variable airs. Riding to ebb tide.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 P.M. Cloudy and warm. Light airs first part from S. and E, calm latter part. Slack water at 4.10. Swung to flood at 4.50. At 6.45 Flagship made signal 2985, answered. P. A. Paymaster H. T. Stancliffe reported for duty by order of Navy Department. Rear Admiral Trenchard and Captain Fillebrown called on Commanding Officer.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light breeze from N.W. Passing showers third hour. Tide turned ebb at 10.45.

(Signed) Asa Walker Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	3.	BARO	METER.	TI	EMPERAT	URE.	State of	Forms of	<b>-</b> .	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Styl in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
	₹	Ē								-			<u>r</u> 0	5	
A,M												Cum			
1				NW	3	29.76	77	79	77		bc	Nimb	5		
2				es	4	u	76	77	75		ш	u	8		
3				ш	3	29.78		76	u		ш	es.	ш		
4				WNW	и	и	ш	"	u		b	None	10		
5				"	u	29.82		77 "	76 "		bc "	Cum	9		
6				"	"	29.85					"		"		
7					"	"	77				"	"	"		
8					"		78	78							
9				NW "		29.87	79 "	80	77		b	None	10		
10					2			81	79		bc "	Cir Cum	9		
11					1	29.88	80 "	82	80		"				
Noon				-	-	29.89	-	83	-		-	-	-		
Dista	nce rui	n hy l o	a since nr	eceding Noon							knots		fathoms		
		D. R. a		socuring (400)							0		,		
			at Noon								0		•	ш	
			ations at N	loon ⊙							0		•	ш	
				om Forenoon	Observati	ions ⊙					0		4	"	
		ing the		knot			r hour, se	ettina to	the						
		-		Amplitude ⊙							0			"	
				Azimuth ⊙ ob							0		"	"	
				receding 24 h									300 d	allons.	
Water			3	3		the precedin	a 24 hou	rs						"	
		iinina o	n hand fit f	or me at Nooi	_		•						230	0 "	
		-		eceding 24 ho								tons	275	lbs.	
			hand at No								139	u	2005	и	
		•													
P,M															
1				WNW	0-1	29.89	81	83	80		bc	Cir Cum		8	
2				и	1-2	29.88	82	84	81		и	es.		"	
3				W	1-3	29.87	83	85	u		ш	ш		u	
4				и	3	29.88	u	"	82		и	u		9	
5				SSW	1	u	84	86	84		ш	ű		8	
6				Calm	0	"	u	"	и		и	Cum Str		9	
7				и	u	29.89	u	44	и		ш	ű		u	
8				SE	0-1	29.90	"	85	ш		ш	и		ш	
9				и	0-2	29.91		84	83		u	u		8	
10				S	2	29.92	82	83	81		u	u		"	
11				SW	ш	29.93		82	80		ш	и		ш	
Mid.				ш	ш	29.94	80	u	79		ш	u		и	
		0:			01						0		,		
_				om Afternoon	Observat	ions ©					0				
-		-		bservations					*		0				
				Amplitude		•	bserved		set		0				
Varia	tion of	the Co	mpass by				at				0			"	

Commences and until 4 A.M. Clear and cool. Moderate breeze from N. and W. Ebb tide.

(Signed) C.B.T. Moore
Ensign.

From 4 to 8 A.M. Clear. Cool. Pleasant. Light W.N.W. breeze. Cumulus clouds. Slack water at 5.20. Swung to flood at 5.45. At 7.20 Flagship made general signal 3960, answered, then made general signal 3354, answered. At 7.45 Flagship made preparatory signal 5456. At 7.55 Flagship made general signal 5456. At 8, loosed sail to a bowline.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light breeze from N.W. Slack water at 11. Swung to ebb at 11.30. At 11.15 Flagship made preparatory general signal 4826, answered. At 11.30 Flagship made general signal 4826. Furled sail. Engaged in breaking out fore hold.

(Signed) C. B. T. Moore Ensign.

From Merid. to 4 P.M. Clear. Warm. Light W[ester]ly breeze. Cirrus Cumulus clouds. Broke out the hold and took an inventory of the Paymasters stores. At 1, Flagship signaled 2984. Got deep sea sounding apparatus ready for use. Ebb tide.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Warm. Light variable airs and calm. Slack water at 5. Swung to flood at 5.45. Stowed hold.

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Clear. Pleasant. Light S.E. breeze. Cumulus Stratus clouds. Slack water 11.00. Swung to ebb 11.30.

(Signed) Asa Walker Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.	BAR	OMETER.	TI	EMPERAT	URE.	State of	Forms of		Sta	te
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	of the	Record of the sail the vessel is
A,M	*	Œ								•	•		ш.		
				14/	0	20.0	00	04	00			0	•		
1				W	2	29.94		81	80		bc "	Cum "	9		
2				WNW "	3 2	29.96		80	79 "		"	"	"		
3				NIVA/	<u>~</u>	29.98		79 70			u	u	"		
4 5				NW WNW	u	30.02	77	78 "	77 "		и	и	"		
6				WINVV	0-1	30.02		и	u		"	ш	"		
7				NW	2	"	"	и	u		u	ш	"		
8				NE		30.09	79	80	78		"	ш	"		
9				N	"	"	80	81	"		"	Cum Str	. "		
10				"	"	30.10		82	"		u	"	"		
11				и	"	"	и	"	u		u	u	"		
Noon				NE	u	30.09	. "	"	80		ш	u	"		
						00.00			00						
Distan	ce run	by Lo	g since pre	ceding Noon							knots		fathoms	i.	
Latitud	le by E	D. R. a	t Noon								0		4	"	
Longitu	ude by	/ D. R.	at Noon								0		4	"	
Latitud	le by C	Observ	ations at N	oon ⊙							0		4	"	
Longitu	ude by	/ Chro	nometer fro	m Forenoon	Observati	ons ⊙					0		4	"	
Curren	t durir	ng the	time	knot	s	fms. pe	er hour, s	etting to	the						
Variati	on of t	he Co	mpass by A	Amplitude ⊙	observed	at Sunrise					0			"	
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at						0			"	
Water	expen	ided di	uring the pr	eceding 24 h	ours								300 g	allons.	
Water					during	the precedir	ng 24 hou	irs						"	
Water	remaiı	ning o	n hand fit fo	r me at Noor	า								200	0 "	
Coal c	onsum	ned du	ring the pre	eceding 24 ho	ours							tons	275	lbs.	
Coal re	emaini	ing on	hand at No	on							139	65	1730	ш	
P,M					_										
1				NE	2	30.09		82	79		bc "	Cum Str		9	
2						30.07	' 81 "	83	80						
3															
4									81			Cum "			
5						30.08						"			
6				NNE	_							"			
7				NNE	1			82	78			u		"	
8				Calm "	0	30.10		81	79 "						
9						30.11					b "	None "		10	
10				S "	1		79	80				"		"	
11				"	2	30.12		"	"		"	u		u	
Mid.				-	-	-	-	-	-			-			
Longite	ıde bu	, Chro	nometer fro	m Afternoon	Observati	ione @					0		4	"	
-					Onservati	0115			*		0			"	
-			nometer Ob				observes				0			и	
			mpass by A	піріниае			observed		el .		0			"	
variati	on or t	ile C0	mpass by				at								

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool. Light breeze from N. and W. Riding to ebb tide.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 A.M. Clear, warm and pleasant. Light N.W[ester]ly breeze shifting to N.E. Tide turned flood at 6.20. Barometer rising. Received on board a draft of three marines, from Marine Barracks Washington D.C.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Clear. Warm. Light N[orther]ly breeze shifting to N.E. Cum. Str. clouds. At 10 Flagship made general signal 2240. Broke out Paymaster's storerooms. High water 11.45.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light N.E. breeze. Ship riding to ebb. At 3.30 hove log, tide running 3 knots. Finished breaking out, and restowed Paymaster's storerooms.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear. Warm. Light N.E[aster]ly breeze. Cumulus clouds. Low water 6.15. Swung to flood 6.45. Commander W.S. Schley left the ship on 2 1/2 days leave of absence.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant, with light breeze from S. Riding to flood.

(Signed) Asa Walker
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	BARO	METER.	TE	EMPERAT	URE.	04-44	F		01-1-	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Skv. in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	×	ш								•	-		2.0		
A,M					•	00.44		70				0: 0	•		
1				N "	3	30.11	77	78	75 "		bc "	Cir Cum	9		
2					"		76 "	77	"						
3								"	"		u		"		
4				0	и		"	44			u	0:- 04-	44		
5				S	2	30.12 30.14	"	"	74 75		и	Cir Str Str	"		
6 7				S by W	"	30.1 <del>4</del> "	44	78	76		ш	"	"		
8				ш	"	"	77	80	78		u	u	"		
9				SSW	"	30.13	80	83	81		ш	Cum	"		
10				S	"	30.13	"	"	"		u	"	"		
11				"	1	30.12	82	"	"		u	"	"		
Noon				ш	0-1	30.10	"	84	"		u	"	"		
140011					0-1	30.10		04							
Distan	ce rur	n by I c	na since pre	eceding Noon	ı						knots		fathoms		
			it Noon	500ag 1100							0			u	
			at Noon								0			и	
			ations at N	loon ⊙							0	,		и	
				om Forenoon	Observati	ions ⊙					0			и	
Currer				knot			hour, se	ettina to	the						
		-		Amplitude ⊙			, ,				0			"	
				Azimuth ⊙ ot							0			"	
				receding 24 h									500 g	allons.	
Water			3 - 1	3		the preceding	24 hou	rs					3	"	
	remai	ining o	n hand fit f	or me at Noo	_		,						1500	) "	
				eceding 24 ho								tons	275	lbs.	
			hand at No								139	и	1455	"	
P,M															
1				ENE	2	30.10	83	84	82		bc	Cir Cum		8	
2				"	u	30.07	"	85	"		u	u		u	
3				"	u	30.05	"	"	83		u	u		u	
4				ESE	u	30.03	"	84	81		u	u		u	
5				SE by S	u	30.02	"	86	"		u	u		u	
6				и	3	30.00	"	85	82		u	u		9	
7				ш	u	29.98	"	"	81		u	u		u	
8				S	u	29.99	80	83	80		u	u		u	
9				SE	u	30.00	"	"	79		u	u		u	
10				S	4	и	79	82	u		u	u		ш	
11				44	4-5	и	"	81	"		bcl	u		8	
Mid.				44	ш	и	78	80	78		"	u		ш	
Longit	ude b	y Chro	nometer fro	om Afternoon	Observat	ions ⊙					0	4		ш	
Longit	ude b	y Chro	nometer O	bservations				:	k		0			u	
Variati	on of	the Co	mpass by	Amplitude		c	bserved	at Suns	et		0			u	
Variati	on of	the Co	mpass by				at				0			и	

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Light N[orther]ly breeze. Cir. Cum. clouds. High water at 12.15. Swung to ebb at 12.45.

(Signed) Samuel C. Lemly, Ensign.

From 4 to 8 A.M. Clear and pleasant. Light S. by W. breeze. Low water at 6.30. Swung to flood at 8. At 7.30 "Powhatan" signaled 3960 and 3352, answered.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear warm and pleasant. Light S[outher]ly airs. Ship riding to flood. At 9 U.S.S. "Huron" exchanged numbers with Flagship, and at 9.30 anchored in the Roads. U.S.S. "Swatara" exchanged numbers with Flagship at 10.30. At 9.45 inspected at quarters. Executive Officer inspected ship. Allen Christian (Nurse) and George Vaughn (Lds) absent without leave.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and warm. Light breeze from E.N.E. shifting to S. At 12.20 U.S.S. "Swatara" came in and anchored. At 1 swung to [blank] At 3 U.S.S. "Swatara" got underway and steams toward Norfolk. Twenty five men returned from detached service, at Washington D.C.

(Signed) C.B.T. Moore Ensign.

From 4 to 8 P.M. Clear and pleasant. Light breeze from S. and E. Low water at 7. Allen Christian (Nurse) and George Vaughn (Lds) confined in double irons for overstaying liberty 35 hours. At 6.30 Flagship signaled 2995, answered.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and cool. Gentle breeze from S.E. increasing to fresh breeze from S. latter part of watch. Moon set at 8.50. Heat lightening in western horizon. Ebb tide.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

	WINDS.				BAROME	ETER.	TEMPERATURE.			State of	Forms of		St	ate		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	10th	Record of the sail the vessel is
A,M	×	ш										-		_		
				Candi	2.4		20.00	00	00	70		hat	Cum			
1				S and E	3-4		30.00	80	80	79 "		bct "	Cum "	8		
2				S and W	3-5		29.99 29.98	79 "	"	78		bcq	и	"		
4				и	ű-ű		29.99	"	ш	"		"	44	u		
5				SW	4		30.00	78	78	76		bc	Cir Cum	ı 5		
6				"	"		30.00	"	"	"		"	"	3		
7				и	3		"	"	79	77		ш	ш	8		
8				и	2		u	44	81	78		u	u	5		
9				и	3		29.99	79	"	79		"	u	8		
10				и	"		29.96	80	82	80		u	u	"		
11				S	"		29.95	85	83	81		"	"	9		
Noon				u	"		29.92	82	86	82		"	u	6		
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	S.	
Latitud	e by E	D. R. a	t Noon									0			"	
Longitu	ude by	/ D. R.	at Noon									0			"	
Latitude by Observations at Noon ⊙															"	
Longitude by Chronometer from Forenoon Observations ⊙															"	
Current during the time knots fms. per hour, setting to the																
Variation of the Compass by Amplitude ⊙ observed at Sunrise ° " "																
Variation of the Compass by Azimuth ⊙ observed at ° " "																
Water	expen	ided di	uring the pr	eceding 24 h	ours							500	gallons.			
Water		Recei	ved		during t	the p	receding	24 hour	s					19	00 "	
Water	remaiı	ning o	n hand fit fo	r me at Noor	1									29	00 "	
Coal c	onsum	ned du	ring the pre	ceding 24 ho	ours								tons	275	lbs.	
Coal re	emaini	ing on	hand at No	on								139	ш	1180	u	
P,M																
1				SW	4		29.91	84	86	83		bc	Cir Cum		4	
2				и	3-5		29.90	ш	ш	u		Bcq	Cum Nii	mb	2	
3				и	"		u	83	82	80		bcqplt	ш		u	
4				S	3		u	82	83	ш		bc	ш		3	
5				SW	и		29.88	"	84	82		44	и		6	
6				ш	ű		и	"	"	81		u	и		4	
7				SSW	ű		u	83	"	ű		u	и		1	
8				SW	ű		29.90	"	"	ű		u	и		"	
9				ű	ű			82	82	80		u	и		3	
10				-	"		29.91	u	u	79 "		bcl			4	
11				S											6	
Mid.				и	4		29.93	80	79	77		ш	"		5	
		. 01	/	A#-	Ob : ::		_					0				
Longitude by Chronometer from Afternoon Observations ⊙  Longitude by Chronometer Observations   *												0				
Longitude by Chronometer Observations *  Variation of the Compass by Amplitude observed at Sunset											0					
				unplitude			ob		at Suns	e(		0				
Variation of the Compass by at												•		-	-	

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Fresh breeze, blowing in puffs, from S. and W. Tide turned ebb at 1 o'clock.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Cloudy and pleasant. Moderate breeze from S.W. Ebb tide. Engaged in painting ship outside. Slack water at 7.30. At 7.30 Flagship made general signal 3356, answered. Made interrogatory signal 4363, Flagship answered and made 904.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and warm. Moderate breeze from S. and W. George Vaughn (Lds) and Allen Christian (Nurse) were released from confinement to attend to their duties, by order of Commanding Officer, to be returned to confinement in the evening. "Pinta" got underway and steamed towards Norfolk. At 9 swung to flood. At 9.15 broke out and bent Mainsail and light sails. At 10 made interrogatory signal 4160. At 10.05 made interrogatory signal 2255, "Powhatan" answered 904. At 10.15 sent down topgallant yards. Got topgallant and royal yards in rigging.

(Signed) C. B. T. Moore Ensign.

From Merid. to 4 P.M. Cloudy, warm, squally. Fresh S.W[ester]ly breeze. Heavy rain squall passed at 2.30. Swung to ebb at 1.45. At 1.15 Flagship made signal to "Essex" 1087.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy and pleasant. Moderate breeze from S. and W. Ebb tide. At 6 made signal 4881. "Powhatan" answered 904. Bent fore topsail. Received onboard three O.S.E.F. and one seaman from U.S.R.S. "Franklin".

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Cloudy and cool. Moderate breeze from S. and W. Swung to ebb at 10.15. Lightening to E. and W.

(Signed) Asa Walker Lieut.

(Signed) Asa Walker, Lieut. Navigator.

			WINDS.			BAROMETER.				URE.	State of	Forms of	_		State			
Hour	9	Fathoms.	Course	es d. Dire	ction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	Sky, in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M												•	•					
1				SS	:\^/	4-5		29.92	78	78	77		bea	Cum	7			
				"	o v v	4-5 "		29.9Z "					bcg "	Nimb "				
2				u		u		ш	77	77	76 75			"	3			
3				и		5-6		u	76 "	76	75 76		oql	"	0			
4 5				SV	v	3		29.93	"	77	76 "		bc "	Cir Cum	5 n 4			
6					v	"		29.93	75	"	75		ш	"	. 4			
7				"		u		29.93	"	44	73 74		u	u	"			
8				"		u		29.95	"	"	"		"	"	"			
9				"		4		29.97	77	79	77		"	"	2			
10				и		"		29.99	"	"	"		"	"				
11				и		"		29.97	78	80	77		"	"	3			
Noon				"		44		29.96	82	81	79		"	u	2			
110011								20.00	02	01	10				-			
Dista	ance r	run by	Log since	e precedir	ng Noon								knots		fathom	s.		
Latit	ude b	y D. R	at Noon	1									0		4		4	
Long	jitude	by D.	R. at No	on									0		4		4	
Latit	ude b	y Obse	ervations	at Noon	⊙								0		4		4	
Long	jitude	by Ch	ronomete	er from Fo	renoon	Observat	tions (	€					0		4		4	
Curr	ent dı	uring th	ne time		knot	ts	1	fms. per	hour, se	etting to	the							
Varia	ation (	of the (	Compass	by Ampli	tude ⊙	observed	at Su	nrise					0		ш		4	
Varia	ation (	of the (	Compass	by Azimu	uth ⊙ ob	served a	t						0		"		4	
Wate	er exp	ended	during tl	he preced	ing 24 h	nours									260	gallons	<b>3</b> .	
Wate	er					during	the p	receding	24 hou	rs							и	
Wate	er ren	naining	on hand	fit for me	at Noor	n									280	00	ш	
Coal	cons	umed	during th	e precedi	ng 24 ho	ours								tons	275	lbs.		
Coal	rema	aining o	on hand a	at Noon									139	"	905	"		
P,M				_												_		
1					SW	4		29.94	80	82	80		bc "	Cir Cum	1	2		
2								29.91					ш			3		
3						3		29.90	84	84	82					4		
4				"		"		"	00	00			ш	Cum Ni	h	4		
5				"		2		u	82	83 84	80		ш	Cum Ni	mb	1		
6 7				44				и	"	83	82 80		00	и		0		
8				44		3-5 3		и	"	82	79		oq bc	и		1		
9				"		3 4		"	81	80	79 78		u u	"		2		
10				44		4 3-5		и	80	79	77		4	и		"		
11				"		J-J		29.91	79	79 78	77 76		ш	"		1		
Mid.				"		44		29.91 "	79 78	"	"		ш	ш		"		
iviiu.									, 0									
Long	iitude	by Ch	ronomete	er from Af	ternoon	Observa	tions (	⊙					0					
				er Observ		,					*		0				"	
				by Ampli				oh	served				0				"	
			Compass					-	at				0				"	

Commences and until 4 A.M. Cloudy and cool. Fresh breeze from S.S.W. Squally. Ebb tide. Heat lightening in horizon to W.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Cir. Cum. clouds. Scrubbed hammocks. At 7. Commander W. S. Schley returned on board from leave. At 7.15 made interrogatory signal 5455. Flagship answered 904. At 7.30 Flagship made general signal 3352, answered. At 8 loosed sail. Received in Pay Department [blank] lbs fresh beef and [blank] lbs of vegetables. Low water at 8.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Cloudy, cool. Moderate breeze from S.W. Swung to flood, at 9.45. At 9.30 inspected at quarters. At 10, Flagship made signal 1087 to "Essex". At 11.20 made interrogatory signal 5955. Flagship made preparatory general signal 4826, and then general signal 4826. Furled sail. Made interrogatory signal 3918, Flagship answered and made 904. Lieutenant C. K. Curtis reported for duty. By order of Commanding Officer, A. T. Leigh (1.C.B.) and W. H. Danforth (O.S.2.C.) were confined in double irons for disobedience of orders. Received in ships company, James W. Cline (Lds) he having enlisted for three years, general service.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Pleasant. Fresh S.W[ester]ly breeze. Cir. Cum. clouds. At 1.30 mustered at quarters and turned in scrubbed hammocks. High water at 2. At 2.45 sighted U.S.S. "Enterprise" standing in. At 3, U.S.S. "Enterprise" exchanged numbers with "Powhatan". At 3.30 U.S.S. "Enterprise" came to anchor between "Huron" and "Powhatan".

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Cloudy. Cool. Pleasant. Moderate S.W[ester]ly breeze. Slack water at 7. At 7.45, Flagship made general signal 2985. At 7, Flagship hauled down Admiral's Pendant and hoisted that of senior officer.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Cloudy. Cool. Pleasant. Squally. Light passing showers first hour. Swung to flood at 10.30.

(Signed) C. B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

		WINDS	i.		BAROMETER.		TEMPERATU		JRE.	State of	Forms of	_	State			
Hour		knots Fathoms.	Courses steered.	Direction.	Force.	6	ight in hes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	y <u>š</u> i ≩	of the Sea.	Record of the sail the vessel is
		<u> </u>									*	•		₾.0	,	
A,M													Cum			
1				SW	4		.91	76	78	78		0	Nimb	0		
2				ш	и		.92	и	u	"		bc	ш	7		
3				"	3	"		"	76	75		ш	ш	8		
4				44	"	и		44	ш	74		и	ш	7		
5				S and W	u		.90	75	75	74		u	"	4		
6					u			74	u	u		"	"			
7								"						2		
8				N and W	2	29	.91		76	"		od		0		
9				WSW "	"				77	"		op "				
10						"		75	78 "							
11				W "	1			76 "	"	75 76		0	"			
Noon					ı					70						
Dista	ance	run by L	og since pr	eceding Noon								knots		fathoms	i.	
			at Noon									0		,		
		•	R. at Noon									0		4	"	
				Noon ⊙								0		4	"	
	Latitude by Observations at Noon ⊙  Longitude by Chronometer from Forenoon Observations ⊙													•	"	
Current during the time knots fms. per hour, setting to the																
		-		Amplitude ⊙	observed	at Sunris	e		•			0		u	"	
Variation of the Compass by Azimuth ⊙ observed at														"	"	
Water expended during the preceding 24 hours														230 g	allons.	
Wat	er				during	the prece	ding 2	4 hour	s						"	
Wat	er rei	maining	on hand fit	for me at Noor	1									257	0 "	
Coa	l con	sumed d	luring the p	receding 24 ho	ours								tons	275	lbs.	
Coa	l rem	aining o	n hand at N	oon								139	"	630	и	
P,M																
1				W	0-1		.90	77	79	77		0	Cum Ni	mb	0	
2				ш	u		.89	78	80	78		bc	и		1	
3				SSW	"		.87	"	81	ш		"	Cum "		3	
4					"		.80	79	"	"					5	
5				S			.81	80 "				oc .	Cum Ni	mb	7	
6				SE "	2		.83		80	77		bc "			8	
7				u	3	29	.84	4	4	"		и	"		0	
8				CCW	4		07	77	70	"			u		9	
9				SSW SW	3 5	29	.87	77 "	79 78			bcl "	u		8 5	
10 11				SVV "	3-5 2-3	u		ш	/8	75 "		"	u		2	
Mid.				es	2-3 0-2	20	.88	44	u	и		bc	и		<u>د</u>	
iviiu.					0-2	29	.50					DC .				
Lond	aitude	e by Chr	onometer fr	om Afternoon	Observat	ions ⊙						0		4	"	
Longitude by Chronometer from Afternoon Observations ⊙  Longitude by Chronometer Observations   *											0			u		
	-		ompass by				obs	erved :	at Suns			0			u	
			ompass by					at				0		•	и	

Commences and until 4 A.M. Cloudy first hour, afterwards clear, cool. Moderate S.W[ester]ly breeze. Swung to ebb at 1.30.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Weather overcast, drizzling rain during last hour. Light wind from S. and W, shifting to N. and W. At 5.30 U.S.S. Huron got underway and stood out to sea. At 7.30 Flagship made signals 3950 and 3355, answered. Ship riding to ebb tide.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Overcast. Passing showers first part of watch. Cum. Nimb. clouds. Otto V. Wrisberg, Master at Arms, absent without leave. Pay Clerk J. C. Petty reported for duty. Slack water at 9.30. Served out monthly money. At 9.30 inspected at quarters and exercised 1<sup>st</sup> and 2<sup>nd</sup> Divisions at great guns.

(Signed) Samuel C. Lemly

From Merid. to 4 P.M. Overcast first part, clear and pleasant latter. Light airs from W. and S.S.W. Ship swung to the ebb at 3.45. By order of Commanding Officer, suspended Francis E. Cross. (Eng Yeo) from duty, to be confined to the berth deck until further orders, for sending an insolent message to Officer of Deck. Hooked topsail sheets and forward Main tacks and sheets.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 P.M. Clear, warm. Calm and light S.E[aster]ly breeze Cum. Nimb. clouds. Riding to ebb. At 5.30 "Swatara" came down and anchored between this vessel and "Powhatan".

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear first hour, overcast and cool during latter part. Wind freshening in puffs from S. and W. By order of Commanding Officer, confined Luther Baker (2. M.) in double irons, for intoxication and fighting.

(Signed) C. B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

		WIND		BAROMI	ETER.	TE	EMPERAT	URE.	State of	Forms of		5 J	State				
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	Œ.									•				0)		
·				CW	2.4		20.07	70	70	76		ha	Cum	0			
1				SW "	3-4		29.87	78 77	78	76		bc	Nimb "	8			
2				u			"	77	77	75		bcq "	"				
3 4				44	3-6		u	76 75	76 75	74 "		"	ш	и			
5				WSW	3		29.88	74	"	73		"	Cum Str	9			
6				"	"		29.90	"	u	"		u	"	"			
7				ш	2		29.93	"	u	u		bc	ш	и			
8				"	"		29.94	75	u	"		"	u	"			
9				SW	ш		u	76	78	75		u	ш	и			
10				ee	и		u	u	80	77		"	и	и			
11				ш	"		29.	78	81	78		u	ш	u			
Noon				и	ш		29.	80	84	81		u	и	и			
Dietan	ca ru	ın hv l	Log since pre	cedina Noor								knots		fathom	e		
		-	at Noon	occurry 14001	•							0		4	٥.		
			R. at Noon									0		4		4	
			ervations at N	oon ⊙								o		4		4	
Longitude by Chronometer from Forenoon Observations   o  o													4	6	4		
Current during the time knots fms. per hour, setting to the																	
Variati	on of	the C	Compass by A	Amplitude ⊙	observed	at Sur	nrise					0		ш		4	
Variation of the Compass by Azimuth ⊙ observed at												0				4	
Water expended during the preceding 24 hours														300 (	gallons		
Water					_	the pre	eceding	24 hour	s						4		
			on hand fit fo									_		227			
			during the pre		ours							5 133	tons	2075 795	lbs.		
Coarre	ciliali	illig c	on hand at No	1011								133		195			
P,M																	
1				SW	2		29.86	83	84	80		bc	Cir Ctr		9	S	
2				u	u		29.86	82	83	"		44	Cum		8	u	
3	Lla	d a m	a atandina	и	и		29.86	83	84	81		"	u		"	"	
4	out	t of H	ay, standing ampton				29.83	"	85	82			"			"	
5	Ro	ads		SSE SE by	u		29.83	84	86	81 "		u				"	
6			E 3/4 N	E ,	•								Cir Cum		7		
7	6	2					29.91	90	84		81				8		
8	6	2	u	"					83						_		
9	6	4	и				29.93	81	82	80	80		u		7 8	"	
10 11	6 6	6 6	ш	и	u		29.92	80	82	"	"	bcl "	u		"	"	
Mid.	7	0	и	и	u		29.91	"	"	"	"	bc	ш		u	"	
		-					-										
Longit	ude b	y Ch	ronometer fro	m Afternoon	Observa	tions @	)					0		4			
Longit	ude b	y Ch	ronometer Ob	oservations					;	k		0		4		"	
Variati	on of	the C	Compass by A	Amplitude			ob	served	at Suns	et		0 ,				"	
Variati	on of	the C	Compass by					at				0		•		"	

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Fresh breeze, with heavy squalls, from S.W. Cum. Nimb. clouds. At 2.30 swung to wind. At 3.30 changed ebb.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Light W.S.W. breeze. Ebb tide. At 8 loosed sail. At 7.45 Flagship signaled preparatory 5455 and 8, 5455.

(Signed) James K Cogswell Lieut.

From 8 to Merid. Clear. Warm. Pleasant. Light S.W. Tide turned flood at 11.20. By order of Commanding Officer, Luther Baker (2.M.) was released from confinement. Making preparations for sea. At 11 started fires under six boilers. Made interrogatory 4886, Flagship answered 904.

(Signed) C. B. T. Moore Ensign.

From Merid. to 4 P.M. Clear and warm. Light airs from S. and W. At 1, furled sail. At 1.20 mustered at quarters and found Otto V. Wrisberg (M. at A) and Thos F. Madden (1.C.B.) absent without leave. At 2, got underway. Engaged in clearing foul anchor. Draught forward 14 ft, 2 in. Amidship 15 ft, 1 in. Aft 16 ft. Steaming 3/4 power out of Hampton Roads under direction of Pilot. Average steam pressure 65 lbs.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear and warm. Light airs from S. and E. At 5, Pilot left the ship. Took departure at 6, Cape Henry Light bearing (pc) S. Steaming under six boilers. Average steam pressure 55 lbs. Temp. of bunkers 100°. Revolutions 45.

(Signed) C. K. Curtis Lieut.

From 6 to 8 P.M. Clear. Pleasant. Light S.E[aster]ly breeze. Cir. Cum. clouds. By order of Commanding Officer, Francis E. Cross (Eng Yeo) Wm. H. Danforth (O.S.2.C.) and A. T. Leigh (1.C.B.) was released from confinement. James Hackett (2.C.B.) and Nicholas Lynch (2.C.B.) prisoner at large. At 8 got cast of lead, 12 fathoms, coarse sand black specks. At end of watch Cape Henry bore (pc) W.N.W. Cape Charles (pc) W. 1/2 N. Steaming six boilers. Steam pressure 55 lbs. Revolutions 45. Distilling.

(Signed) Samuel C. Lemly, Ensign.

From 8 to Midnight. Clear and pleasant. Light breeze from S. and E. Steaming with six boilers. At 8.30 lost sight of Cape Henry Light and at 9.27 lost sight of Cape Charles Light. Moon set at 11. Got soundings every two hours. Steam pressure 66 lbs. Revolutions 44.5. Distilling.

(Signed) C.B.T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

		WINDS.				BAROME	TER.	TE	MPERAT	URE.	State of		Forms of		State		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weathe by symbols	er	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	~	ű.									*	•			ш ол		
1	7	0	E 3/4 N	S	2	2	29.91	80	81	80	71	bcl		Cum	6	S	
2	7	0	"	"			29.90	"	80	79	"	bl		Nimb None	10	"	
3	7	0	и	и	u	"		"	"	"	и	"		"	"	"	
4	7	0	и	и	3	"		"	"	"	u	"		ш	"	"	
5	2	0	ш	SSW	2	2	29.93	"	81	80	75	bc		Cum	9	"	
6		ve to.		и	u		29.95	"	83	"	"	"		и	"	"	
7	6	4	E 3/4 N	ш	u	"		u	u	81	u	"		Cir Cum	6	"	
8	7	0	и	и	u	"		"	"	"	u	u		и	4	"	
9	2	6	ш	SE by S	u	2	29.97	u	u	ш	79	u		ш	3	u	
10	7	2	и	и	u	2	29.98	u	u	ш	ш	u		u	5	"	
11	3	6	ш	ш	u	2	29.96	"	"	44	u	u		u	6	"	
Noon	Та	king s	oundings	и	ш	2	29.97	ш	"	"	"	и		"	5	ш	Spanker & M. Try sails.
Distan	Distance run by Log since preceding Noon 96 knots 6 fathoms.																
Latitud	le by	D. R.	at Noon									37 °	0	02 '	00	"N.	
Longit	ude t	oy D. I	R. at Noon									73 °	0	59 '	00	"W.	
Latitud	le by	Obse	rvations at N	loon ⊙								37 °		15 '	40	"N.	
Longitude by Chronometer from Forencon Observations ⊙ 73 ° 41 ' 00 "W.																	
Current during the time 1 knots fms. per hour, setting to the NE.																	
				Amplitude ⊙ o								0		"		"	
Variation of the Compass by Azimuth ⊙ observed at 7.30 A.M. 3 ° 30 " 00 "W.																	
Water expended during the preceding 24 hours 230 gallons.														ns.			
Water			idensed		_	the pred	ceding 2	24 hour	S						315	u	
		-		or me at Noor								40		4	2355		
			n hand at No	eceding 24 ho	urs							12 121			95 lb 00	s. "	
Coarre	ciliai	illing c	iii iialiu at ive	JOH								121	'	2	00		
P,M																	
1	3	4	E	SSE	3	2	29.97	80	83	80	81	bc		Cir Cum	1	S	Fore and aft sail,
2	7	0	ш	"	и	"		"	"	"	и	44		Cum Nimb	2	и	except fore trysail
3	3	0	и	S	ш	2	29.96	81	u	"	"	u		и	"	"	and gaff topsail.
4	3	0	и	SSE	4	"		u	82	78	и	и		ш	3	и	и
5	7	6	и	S	и	"	•	79	80	"	79	"		Cir Cum	2	u	и
6	3	4	и	SSW	3		29.95	"	"	"	ш	"		ш	6	u	и
7	3	4	и	u	4		29.96	"	"	и	и	44		и	7	и	Topsails, jib
8	9	0			"		29.99			77		"		Cum "	9		M. T. M. S. S. and
9	5	0			"	3	30.00	78 "				"		"			spanker. M. T. S.
10	0	0															
11 Mid.	6 6	6 6	u	ш	"		30.01 30.03	80 "	u		"	"		Cir Cum "	8	"	Spanker, M. T. S.  Jib, foresail.
www.	3	J															o.b., .orodan.
Longit	ude t	oy Chi	ronometer fro	om Afternoon	Observat	ions						o				ш	
Longit	ude t	y Chi	ronometer O	bservations					*	<		C	0			ш	
Variati	on of	f the C	Compass by	Amplitude			obs	served	at Sunse	et		C				u	
Variati	on of	f the C	Compass by					at				C	0	4		u	

Commences and until 4 A.M. Clear and pleasant. Light breeze from S. Heavy dew. Lightening in Eastern horizon. Got cast of lead at 2 and 4 in 75 and 90 fathoms, bottom grey sand. Steaming 3/4 power. Average pressure 60 lbs. Revolutions 43. Distilling.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from S. and W. At 4.20 stopped engine and got cast of deep sea lead, use deep sea sounding apparatus in 914 fathoms. Soft oozy bottom. At 7.55 stopped engines and got cast of deep sea lead in 963 fathoms. Bottom soft ooze. Average steam 65 lbs. Revolutions 41. Distilling.

(Signed) C. K. Curtis Lieut.

From 8 to Merid. Clear. Warm. Hazy. Cir. Cum. clouds. At 8.40 started ahead. At 7, set spanker, M. trysail and head sails. At 9.15 inspected crew at quarters. At 9.45 sounded fire alarms. Times as follows Viz. Cast loose, 1<sup>st</sup> and 2<sup>nd</sup> Div, 2 m. Pdr [Powder] Div, 2 m. 15 s. Marine 2 m. 15 s. Eng's Div, 2 m. 30 s. Secure. 1<sup>st</sup> Div 2 m. 15 s. 2<sup>nd</sup> Div 1 m. 30 s. Pdr Div, 2 m. Eng's Div, 1 m. 15 s. Nav. Div, 1 m. 15 s. At 10.30 hauled down head sail and stopped to take soundings, got cast of lead in 1298 fathoms. Engaged remainder of watch in reeling up wire. Exchanged colors with an American ship standing to N. and W. Steaming 3/4 power. Steam pressure 60 lbs. Revolutions 45. Distilling.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy but pleasant. Hazy. Light breeze from S. and E, freshening during latter part. At 12.15 started engines. At 1.30 exchanged colors with an American schooner standing to N. and W. At 2.30 stopped to take soundings. Bottom at 1536 fathoms. At 3.35 started engine. Steam in six boilers. 60 lbs. Revolutions 41. Distilling.

(Signed) C. B. T. Moore Ensign.

From 4 to 6 P.M. Clear and pleasant. Hazy. Light breeze from S. and W. At 5.30 hauled down head sails and stopped engine to take soundings. Bottom at 1617 fathoms. Steam in six boilers, pressure 65 lbs. Revolutions 41. Distilling.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Clear and pleasant. Light breeze from S. and W. At 6.30 started ahead. Called all hands make sail, set topsails. Revolutions 41. Average steam pressure 65 lbs. Running under steam and sail.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Light S.S.W. breeze. Cir. Cum. clouds. Bright moonlight. At 8.20 took in and furled topsails, hauled down head sails, stopped engine and got cast of lead in 1675 fathoms, oozy bottom. At 10.05 started ahead, set head sails and at 10.15 set foresail. At 10.50 moon set. Steaming six boilers. Steam pressure 58 lbs. Revolutions 44. Temp of bunkers 108°.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

		WINDS.			i.		BAROME	TER.	TE	MPERAT	URE.	State of		Forms of		<b>-</b> ,		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	leight in nches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	ti Wea	he ather by bols	Clouds, by symbols.	Prop. of Clear	Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																		
	2	4	_	CCM	2	20	0.00	70	00	77	00	ha		Cum	-			Tanasila T. C. asila fara
1	2		Е	SSW "	3	30	0.00	79 "	80	77	80	bc "		Nimb "	5		S "	Topsails, T. G. sails, fore
2		oundi	-		2					78 "	"	"			9			sail, fib, M. T. S.
3	4	0	E "	S "	u					"		"		"	8		"	F. T. M. S.S. Spanker
4	7	4		u			0.00					"		"			"	gaff topsail.
5	5	0	и		1 2		0.02	"	44	44	4	"		u	5 8		и	
6 7	2	0 4	u	W by S	<u>د</u> «	ى "	0.04	u	"	"	ш	"		"	0 "		"	
8	1	4	u	WSW	u	3(	0.04	"	81	80	4	"		Cir Cum	9		и	All plain sail,
9	1	6	u	"	u		0.05	80	82	"	4	"		"	8		и	except main sail and
10	2	0	и	SSW	u	"	0.03	82	83	"	81	"		ш	9		u	gaff topsail.
11	2	4	u	SW	u	"		"	"	"	"	"		и	7		"	gan topoan.
Noon	3	0	ш	"	u	"		"	84	81	"	"		ш	4		и	Same with gaff topsail.
	Ū	Ū							٠.	٥.					·			came war gan topoan.
Distance run by Log since preceding Noon 91 knots 4 fathoms.																		
			. at Noon	Ü								37	0	15 '		10	"N.	
			R. at Noon									71	0	46 '	3	30	"W.	
Latitud	de by	Obs	ervations at N	Noon ⊙								37	0	22 '	(	00	"N.	
Longitude by Chronometer from Forenoon Observations $\odot$ 71 $^{\circ}$ 36 $^{\circ}$ 00 "W.													"W.					
Current during the time knots 4 fms. per hour, setting to the N.E. by E.																		
Variation of the Compass by Amplitude @ observed at Sunrise " " "																		
Variation of the Compass by Azimuth ⊙ observed at ° " "																		
Water expended during the preceding 24 hours 230 gallons.													ıs.					
Water		Co	ndensed		during	the prec	eding 2	24 hour	s						50	00	u	
Water	rem	ainin	on hand fit f	or me at Noor	1										262	20	u	
Coal c	onsu	ımed	during the pr	eceding 24 ho	ours								4	tons	200	lbs	3.	
Coal re	emai	ning	on hand at No	oon								1	117	ш			4	
P,M																		
1	2	4	E	SSW	2	30	0.05	81	83	80	81	bc		Cir Cum		5	S	
2	2	6	ш	ű	"	u		"	u	81	82	44		ш		7	ш	All plain sail
3	2	4	u	и	и	30	0.02	"	и	u	44	44		и		"	ш	except MsI, with gaff
4	2	4	и	WSW	u	"		"	и	u	"	"		ш		6	"	topsail.
5	2	4		"		"		"	84	82						5	"	
6	2	4	"	W	"	"		"	83	81	"	"		"		6	"	"
7	2	4		WNW					82	80						7		
8	2	0			1									"		9		All plain sail except
9	1	0					0.04									7		Msl, with jib.
10	1	2		WSW "		30	0.05							Cum "				-
11	1	4		u		u u		81	81	78 "								и
Mid.	1	4						80	80								·	
l coott	uda '	hy O'	ronomatar f	om Afternas -	Obaczist	iono 🙃							0				"	
-		•		om Afternoon	∪bservat	ons ⊚			*				0				u	
-			ronometer O					0				"						
			Compass by	Ampillude		observed at Sunset							0				"	
variati	on o	tne tne	Compass by					at					-				-	

Commences and until 4 A.M. Clear and pleasant. Light breeze from S. and W. At 12.30 stopped engine to sound. Furled foresail and hauled down head sails. Bottom at 1876 fathoms. At 2.20 started ahead. Made sail to topgallant sails and gaff topsail, except mainsail. Allowed fires to die out in four boilers. Steam 60 lbs. Revolutions 29. Distilling.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Clear and pleasant. Light airs from S. and W. At 7.50 crossed royal yards, set royals and flying jib. Uncoupled screw at 5. Steam in two boilers, pressure 35 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant during first part, clouding over during latter part of watch. Light breeze from S. and W. Ship under all plain sail to royals, except fore try sail and main sail. At 9 housed smoke stack. Fires banked in two boilers. Thos. J. Madden (1.C.B.) is declared a deserter having been absent from the ship ten days without leave.

(Signed) C. K. Curtis Lieut.

From Merid. to 4 P.M. Clear and warm. Light S.S.W. breeze. Cir. Cum. clouds. At 3 stopped firing and stopped distilling. Wind veering, braced in the yards.

(Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Clear and warm. Light breeze from S.S.W. shifting to W. At 4.30 took in spanker and main trysail, hauled down fore topmast staysail. At 4.45 hauled down flying jib.

(Signed) C. B. T. Moore Ensign.

From 6 to 8 P.M. Clear and pleasant. Light airs from N. and W. At 6.30 mustered at quarters. Bright moonlight.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant, clouding over during last hour. Light airs from S. and W. Ship under all plain sail with jib, and except mainsail, fore and main trysail, spanker and gaff topsail.

(Signed) C. K. Curtis Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS			BAROME	TER.	TE	MPERAT	URE.	State of	Forms o	,		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, b symbols	y .	Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	ш									•	•					
1	1	6	E	W	1-2		30.05	80	81	78	81	bc	Cir Cur	n 5		S	All plain sail,
2	1	4		"	"		"	"	"	"	"	"	"	7		"	Msl and jib.
3	1	4	"	ш	u		u	u	80	77	80	u	ш	4		u	"
4	1	4	44	u	u		30.04	u	u	и	"	u	"	1		u	а
5	2	0	ш	NW by N	2		30.03	u	"	"	81	om	Cum	C	)	u	All plain sail,
6	2	4	ш	u	"		30.04	u	79	"	"	0	Nimb "	"		u	Msl, gaff except topsail.
7	1	6	ш	NNW	1		30.05	u	44	и	"	"	44	"		u	и
8		6	и	u	0-1		30.06	ш	80	ш	u	"	u	"		u	и
9		4	ш	u	u		u	79	81	78	82	u	u	"		u	All plain sail
10		4	ш	u	"		"	u	"	79	"	"	44	"		u	except flying jib.
11		4	"	и	u		u	80	82	"	83	"	u	"		u	и
Noon		4	и	ш	"		ш	81	и	80	ш	и	u	"		и	и
Distan	ce rui	n by I	_og since pre	ceding Noon							4	10 knots		2 fatho	ms.		
Latitud	e by	D. R.	at Noon									37 °	24		00	" N.	
Longitu	ude b	y D. I	R. at Noon									70 °	45	4	00	" W.	
Latitud	e by	Obse	rvations at N	oon ⊙								37 °	50	•	00	" N.	
Longitu	ude b	y Chi	ronometer fro	m Forenoon	Observati	ons 💿	1					69 °	41	4	00	" W.	
Curren	t duri	ing th	e time	2 knot	s 0	fn	ns. per h	our, se	tting to t	the I	E.N.E.						
Variation	on of	the C	Compass by A	Amplitude ⊙ d	bserved	at Sun	rise 8.3	0 A. M				7 °		и		" W.	
Variation	on of	the C	Compass by A	Azimuth ⊙ ob	served at							0		ш		ш	
	expe	nded	during the pr	eceding 24 h										230	gallo		
Water					_	the pre	eceding :	24 hour	S							"	
		-		or me at Noor											390	ш	
			-	eceding 24 ho	urs							116	tons	925		S.	
Coarre	main	iing d	n hand at No	ЮП								116		1315			
P,M 1		4	E 1/2 S	NNW	0-1		30.06	82	83	81	83	0	Cum N	imh	0	S	All plain sail, except
2		4	"	u	"		30.04	"	84	"	"	"	Cum		"	"	F.T.M.S.S. jib, gaff ts.
3		4	"	и	"		30.02	83		"	ш	"	"		u	"	u
4		4	ш	и	u		30.03	u	"	"	4	44	"		"	и	и
5	No	steer	age way	u	u		ш	80	83	80	и	"	ш		u	u	а
6			"	Calm	0		30.01	ш	82	"	ш	"	u		"	u	Plain sail, except flying
7			ш	и	u		30.02	u	"	79	82	44	Cum N	imb	u	u	jib, F.M.S.S. G. Ts.
8			ш	u	"		30.03	u	"	"	"	"	44		"	"	и
9			ш	u	u		"	u	"	"	и	"	u		u	и	Topsails, T. G. sails
10			44	и	ш		ш	и	и	ш	ш	и	u		"	u	Royals jib,
11		4	E 1/2 N	SE	2		ш	и	80	77	81	opq	u		"	u	Courses, jib spanker
Mid.	3	4	ENE 1/2 E	44	3		ш	78	78	75	82	и	"		и	ш	Topsails, T. G. sails jib.
Longiti	ıde h	v Chi	ronometer fro	m Afternoon	Ohservati	ions 🗨	)					0		4		u	
_			ronometer Ob		C DOO! Val	.5.13			*			0				"	
_			Compass by A				oh:	served :	at Sunse			0		4		u	
			Compass by				00	at				0		4		u	
	01																

Commences and until 4 A.M. Partially cloudy. Pleasant. Light W. airs. Cir. Cum. clouds. Hazy. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Overcast but pleasant. Light breeze from N. and W. Misty first hour. Breeze dying out last part. At 6.30 set spanker, flying jib and fore topmast staysail. At 7.40 set gaff topsail.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Overcast and warm. Light airs from N. and W. At 9, loosed and set main sail. At 9.30 Commanding Officer inspected ship and crew at quarters, afterwards read prayers. A bark in sight on starboard beam. Sea smooth.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy and warm. Calm and light airs from N. and W. Sips under all plain sail, except fore try sail, flying jib and gaff topsail.

(Signed) C. K. Curtis Lieut.

From 4 to 6 P.M. Cloudy. Warm. Light N.N.W. airs Cumulus clouds. At 5.35 hauled up courses and hauled down fore topmast staysail. Barometer falling slowly.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Overcast. Warm. Calm. No steerage way. At 7 took in spanker. Barometer rising slowly.

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Overcast and pleasant. Calm first part, light breeze from S. and E. latter part of watch. Squally, with light showers of rain. At 10.45 light breeze sprung up from S.E. Wore ship and brought by wind on starboard tack. Took in royals.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROMET	ER.	TE	MPERATI	JRE.	State of	Forms of		Stat	۵
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea	Record of the sail the vessel is
A,M																
1	4	4	E 1/2 N	S by E	2-4		30.04	78	77	75	80	oq	Cum Nimb	0	s	Plain sail to T. G.
2	3	0	ENE	SE by S	0-3		30.02	77	78	76	"	ш	"	"	"	sail, except T. and M. try sail
3	No		rage way	,	0		"	"	78	"	u	bc	ш	и	"	и
4			S and E		1		30.00	78	80	u	"	0	u	u	"	Same, except courses and
5	0	4	S 1/2 E	E	3		29.99	"	"	44	u	ш	u	"	"	spanker.
6	1	4	SSE	"	4		"	"	"	77	u	or	ш	"	"	All plain sail
7	2	0	S by E	E	5		"	"	"	44	81	"	u	"	"	except royals T. jib,
8	5	0	S 1/2 E	ш	"		29.98	"	78	75	83	ш	u	"	"	gaff topsail.
9	5	4	SSE	E	4		29.97	"	"	77	84	ш	u	"	"	и
10	6	2	S 1/4 W	ESE	5		29.96	77	"	76	"	"	ш	u	"	а
11	6	6	N by E 3/4 E	E	"		29.95	"	"	u	85	ор	ш	u	"	и
Noon	6	4	NNE 1/4 E	ш	"		29.93	u	79	77	и	ш	и	ш	"	и
Distar	ice ru	n by	Log since pred	ceding Noon							47	7 knots		4 fathoms	i.	
Latitud	de by	D. R	at Noon									37 °	45	00	" N.	
Longit	ude b	y D.	R. at Noon									69 °	45	00	" W	•
Latitud	de by	Obse	ervations at No	oon ⊙								0	'		ш	
Longit	ude b	y Ch	ronometer from	m Forenoon	Observ	ations (	•					67 °	26	00	" W	
Curre	nt dur	ing th	ne time	knot	ts	1	ms. per h	our, set	ting to t	the						
Variat	ion of	the (	Compass by A	mplitude	observe	ed at Su	nrise					0		4	и	
Variat	ion of	the (	Compass by A	zimuth ⊙ ob	served	at						0		4	ш	
Water	expe	nded	during the pre	eceding 24 h	nours									230 ga	llons.	
Water						ig the pi	receding 2	4 hours	8						"	
			on hand fit fo											2160	u	
			during the pre	-	ours							110	tons "	275	lbs.	
Coal r	emaır	ning o	on hand at No	on								116		1040		
P,M 1	7	6	NNE 1/2 E	SE	5-7	1/2	29.95	77	79	76	82	ona	Cum	Nimb	0	M Courses T. G. sails
2	7	0	NE by E	ű.	6	"	29.92	"	77	"	80	opq ogr	"	MILLID		" Topsails T. T. M. S.S.
3	4	0	"	44	4	1	"	76	"	"	81	"	u		"	" and spanker.
4	2	4	NE by N	Е	3	0	"	"	u	"	"	or	"		"	u u
•	1	0	SSE	E by												
5	3	0	S by E	S	ш	"	29.93	•			u	и			•	15
6	4	0	SE 1/2 S	ENE	4	ш	29.90	"	и	"	84	"	u		"	и и
7	4	4	SSE 1/2 E		5-6	1/2	29.87	77	78		83	orq "	"			" Double reefed topsails
8	4	0	SSE 3/4 E	" E by				•	79		84				•	" Courses F.T.M. S.S.
9	3	0	SE by S	N N	3-5	ш	29.98	"	и	77	82	oq	u		"	" spanker.
10	2	0	SE by E 3/4 E	E E by	3	ш	ш	"	u	ш	"	or	ш			и
11	1	2	S by E	S	"	и	29.87	"	и	"	u	"	"		u	" Same except M. sail.
Mid.	1	0	ш	ш	2	3/4	29.85	"	78	ш	"	ш	u		44	а
Longit	ude b	y Ch	ronometer fro	m Afternoon	Observ	ations (	•					0			u	
Longit	ude b	y Ch	ronometer Ob	servations					*	<		0		•	"	
Variat	ion of	the (	Compass by A	mplitude			obs	erved a	at Sunse	et		0		4	"	
Variat	ion of	the (	Compass by					at				0		4	"	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and pleasant. Moderate breeze with puffs from N. and E. during first two hours. At 2.15 wind dying out took in Courses and spanker, and hauled down F. T. staysail. At 3.30 braced round. Ship under topsails, T. G. sails, spanker and jib.

(Signed) C. K. Curtis Lieut.

From 4 to 8 A.M. Overcast. Rainy. Moderate breeze from E. Cum. Nimb. clouds. At 6.45 set courses, and at 7.15 set F. T. M. staysail. At 7.45 exchanged colors with Spanish steamers bound to N. and E. Breeze increasing towards end of watch. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Overcast. Rainy. Fresh E[aster]ly breeze. At 10, tacked ship. Barometer falling slowly.

(Signed) C. B. T. Moore Ensign.

From Merid. to 4 P.M. Overcast and rainy. Squally. Fresh breeze from S. and E. At 3.30 wore ship. Sighted several sail during watch.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Cloudy and rainy. Moderate breeze from N. and E. last hour. Ship under plain sail to T. G. sails except Trysails. Barometer falling.

(Signed) C. K. Curtis Lieut.

From 6 to 8 P.M. Overcast. Squally. Fresh breeze from E.N.E. Cum. Nimb. clouds. At 6.30 took in T. G. sails and took double reef in topsails. Hauled down and stowed jib. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Moderate breeze from E decreasing towards end of watch. At 10, took in mainsail. Barometer falling.

(Signed) C. B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	-		BAROME	TER.	TEI	MPERAT	TURE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	ш										•		2.07		
1	1	0	SE 1/2 S	NE	3-5		29.84	77	78	77	83	ora	Nimb	0	s	
2	1	4	3E 1/2 3	"	3		29.82	"	"	"	"	orq "	"	"	"	
3	1	4	NE	u	"		29.82	"	"	"	"	orlq	u	u	и	
4	1	0	N by E	SE	5-7		29.74	"	"	"	"	0	"	"	u	
5	•		ng to	S and E	5-8		29.72	78	"	78	44	org	ш	"	R	
6		_,.	"	"	5-7		29.70	80	80	79	44	"	u	"	"	
7	5	4	E by S	s	4-6		29.68	"	82	80	"	bc	Cum	2	u	
8	3	0	"	E	5-7		29.70	"	80	78	u		Nimb "	"	u	
9	3		ng to	NE	6-8		29.70 29.65	78	"	"	**	bcr bcq	ш	6	u	
10		Lyi	"	"	"		29.03	"	"	"	"	"	u	8	и	
11			ш	u	и		29.73	"	"	"	"	opg	u	0	и	Close reefed topsails
	2	0	ESE 1/2	ш	u			u	70		"	"	u	7	u	And M. trysail reefed.
Noon	2	0	E			4	29.65		79					1		F. T. M. Ś. S.
Distan	ce ru	n by l	_og since pre	ceding Noon							6	1 knots	2	fathoms.		
			at Noon	ŭ								37 °	49 '	00	" N.	
			R. at Noon									66 °	45 '	30	" W.	
_			rvations at N	loon ⊙								38 °	05 '	32	" N.	
Longit	ude b	y Ch	ronometer fro	m Forenoon	Observati	ons ⊙						65 °	49 '	00	" W.	
Currer	nt dur	ing th	e time	2 Knot	s	fm	ns. per h	our, se	tting to th	he	E.N.E. 1	/2 E.				
Variati	on of	the C	Compass by A	Amplitude ⊙ d	bserved	at Sunr	rise					0	и		ш	
Variati	on of	the C	Compass by A	Azimuth ⊙ ob	served at							0	и		ш	
Water	expe	nded	during the pr	receding 24 h	ours									230 gall	ons.	
Water		Cor	idensed		during	the pre	ceding 2	24 hour	s					400	"	
Water	rema	ining	on hand fit fo	or me at Noor	ı									2330	u	
Coal	onsu	med (	during the pre	eceding 24 ho	urs							3		1075 I	bs.	
Coal r	emair	ning c	n hand at No	oon								112	u .	2205	и	
P,M																
1	4	6	E by S	N	5-7	2	29.65	78	81	78	82	bcq	Cum Nim	b 5	R	
2	5	2	"	u	4-6		29.64	"	"	79	44	"	u	u	u	
3	5	0	и	ш	"	2	29.63	79	82	80	81	ш	Cir Cum	4	"	
4	5	0	44	ш	"		29.65	"	"	"	"	"	Nimb "	3	"	
5	5	0	ш	NNW	3-5		29.70	80	81	79	"	"	u	4	и	F. T. M. S. S. jib Foresail
0	4	0	"	NW by	ű-ű			"			"	"	"		"	
-	4			W			29.70	,,	82	80					,,	reefed topsails, M
7	3	4		W by N	2-4		29.75				"	og	u	0		trysail, excep[t] jibs.
8	4	0	u	W		2	29.74			70		bcq		2	"	Double reefed tener:
9	4	0			3-4				80	79		bcql	u	4		Double reefed topsail
10	7	0	и	ш	3-5		29.76	"	"		u	ш	и	3		Foresail. F.T.M.S.S>
11 Mid	7 Ω	0	ш	"	3-6		29.78	u	"	78 "	и	"	u	3		
Mid.	8	U				4	29.80							3		
Longit	ude b	y Ch	ronometer fro	m Afternoon	Observat	ions ⊙						0			"	
Longit	ude b	y Ch	ronometer Ol	oservations					*			0	4		u	
Variati	on of	the C	Compass by A	Amplitude			obs	served a	at Sunse	et		0	4		u	
Variati	on of	the C	Compass by					at				0	6		u	

Commences and until 4 A.M. Overcast. Squally. Continuous rain. Lightening to S. and W. At 2.45 wind shifted to S. and E. Furled mainsail and took in spanker and foresail. Sent down topgallant yards. Barometer falling.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Overcast, squally and rainy. Blowing moderate gale from S. and E. At 4.40 called all hands reef topsails, furled fore topsail and foresail, took close reef in main topsail. Hove to under close reefed main topsail, storm mizzen and fore topmast sail. Started fires in six boilers. At 6, gale moderating, set fore sail and shook reefs out of topsails. Ship rolling deep but easily. At 7.45 lost second cutter, the sea striking the boat and detaching the boat apparatus. At 8, struck by squall from N. and W, close reefed fore and main topsails and set storm mizzen. Rough sea.

(Signed) C. K. Curtis Lieut.

From 8 to Merid. Clear, partially cloudy. Passing showers. Moderate gale with heavy squalls from N.E. Cum. Nimb. clouds. At 10, set main trysail. At 11.20 set foresail. Fires banked in six boilers. Average pressure 40 lbs. Two sails in sight at end of watch. Secured boats and guns with athwartship tackles.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy, pleasant. Fresh breeze, with squalls, from N. At 2.45 shook one reef out of topsails. At 3.30 hoisted jib. Let fires die out in two boilers. Fires banked in four. Steam pressure 40 lbs. Temp of bunkers 94°. Distilling.

(Signed) C. B. T. Moore Ensign.

From 4 to 6 P.M. Cloudy and pleasant. Fresh breeze from N. and W. Squally. At 5.30 brailed up main trysail. Barometer steady.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Weather overcast. Wind moderate, with squalls from N. and W. At 6.15 crossed top gallant yards and hauled down jib and fore storm staysails. At 7.30 squared away wind hauling aft.

(Signed) C. K. Curtis Lieut.

From 8 to Midnight. Cloudy, partially clear. Strong wind with heavy squalls from W. Cum. Nimb. clouds. Lightening to N. At 10, hauled fires in two boilers. At 11, sighted steamer standing to N. Banked fire in two boilers. Average pressure 25 lbs. Distilling. Sailing under double topsails, foresail and fore topmast staysail.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.	BARC	METER.	TI	EMPERAT	URE.	01-1	Farmer of		01-1-	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_									•	•				
´. 1	8	0	E by S	WSW	6-8	29.79	79	80	78	81	bcq	Cum	7	R	Double reefed topsails,
			"	SW by	"		"	"	"		"	Nimb "	5	"	•
2	7	6	"	W	u	29.78	u	"	44	80	и	и		и	foresail and F.T.M.S.S.
3	7 7	4 2	ш	SW "	u	u		"		"		u	3 6	"	и
4 5	7	0	"	SSW	u	29.80	u	"	"	81	bcql "	ш	5	"	и
6	7	6	ш	"	u	29.83	ш	"	79	"	bcgp	u	6	u	и
7	8	4	ш	"	u	29.85	ш	"	"	"	"	"	5	u	Single reefed topsails,
8	7	6	u	ш	u	u	80	44	u	44	bcq	u	4	u	T. G. sails, jib, F.T.M.S.S.
9	8	4	"	S by W	u	29.83	ш	82	80	u	"	u	"	u	и
10	9	2	ш	и	u	29.84	79	44	79	44	и	ű	44	"	Same with M. trysails.
11	9	4	"	ш	"	29.85	u	"	"	82	"	"	2	"	и
Noon	6	6	"	44	u	u	ш	u	80	"	44	u	"	ш	Same without M. Trysails.
			-	eceding Noon						1	58 knots		athoms.	" N.	
			. at Noon R. at Noon								62 °	54 ' 29 '	40 00	" W.	
-		-	ervations at N	loon @							37 °	48 '	00	" N.	
				m Forenoon	Ohservati	ons 🛈					61 °	23 '	00	" W.	
_				2 knot			r hour, se	ettina to	the	E. 1/2 S		20	00	***	
		-		Amplitude ⊙ o							0	и		"	
				Azimuth ⊙ ob							13 °	u		" W.	
Water	expe	ended	I during the pr	receding 24 h	ours								230 gal	lons.	
Water		Coi	ndensed		during t	he precedin	g 24 hou	rs					350	"	
Water	rema	aining	on hand fit fo	or me at Noor	1								2450	и	
Coal c	onsu	med	during the pre	eceding 24 ho	ours						2	tons	235	lbs.	
Coal re	emaiı	ning (	on hand at No	oon							110	" 1	970	"	
P,M															
1	3	6	E by S	SSW	6-8	29.83	80	83	80	83	bcq	Cir Cum	4	R	Single reefed topsail
2	5 8	2	E 1/2 S	u	и	"	u	"	"	"		Nimb "	"	и	T. G. sails, foresail,
3	9	0	u	"	"	29.84	u	"	"	"	44	u	6	u	jib, F.T.M.S.S.
4	9	0	ш	ш	5-7	"	ш	"	"	u	"	"	7	ш	u
5	8	4	ш	ш	"	29.85	u	"	"	81	u	ű	6	u	и
6	8	4	"	"	u	29.86	ш	"	"	u	"	u	7	ш	и
7	8	6	u	SW	44	29.91	81	82	"	82	44	u	"	u	и
8	9	0	u	ш	44	29.92	u	"	"	"	"	u	8	u	и
9	8	2	ш	u	и	29.91	и	"	"	"	u	ű	5	и	и
10	8	0	u	u	4-6	29.90	u	"	"	"	"	u	7	"	а
11	8	0	и	ш	ш	29.92		44	и	и	"	"	2	и	и
Mid.	9	0	и	"	44	29.94	ш	"	ш	ш	44	"	и	и	и
		o,		44-	Ob ::	0					0			и	
-		•		om Afternoon	∪bservati	ons ⊎			·		0				
_			ronometer Ol				bserved		*		0			ш	
			Compass by <i>i</i> Compass by	пірінице		(	observed at		cı		0			"	
variali	JII UI	1110	Joinpass by				al								

Commences and until 4 A.M. Cloudy, squally weather. Strong breeze from S. and W. Moonlight. Moon set at 3.30. Ship rolling easily.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Cloudy and pleasant. Strong breeze from S.S.W. Squally. Passing storms of rain. At 5.30 shook one reef out of topsails. At 6, set T.G. sails and jib. At 8 loosed mainsail. Barometer steady last two hours. Ship rolling easily. Several sail in sight at end of watch. High dawn.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Cloudy and pleasant. Strong breeze, with squalls, from S. and W. At 9 set mainsail, took in Mainsail at 9.15 and set Main trysail. At 11, furled Mainsail. Passing showers of rain. At 9.30 mustered at quarters. Five sail in sight at end of watch.

(Signed) C. K. Curtis Lieut.

From Merid. to 4 P.M. Clear, partially cloudy. Strong wind, with squalls, from S.S.W. Mackerell sky. At 12.20 changed course to E. 1/2 S. At 12.40 passed Italian Bark standing to E. and exchanged colors with her. At 1.30 clewed down T. G. sails. Made International Code of signals B.N.W. Bark answered B.Q.G.N. Then she made B.P.F. we answered B.R.G.M. We made B.P.F. She answered B.H.P.D. At 1.50 hoisted topgallant sails. At 3.20 passed spar resembling topmast. Fires banked in two boilers. Distilling. Average pressure 25 lbs. At end of watch Bark bore broad off weather quarter hull down.

(Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Clear and pleasant. Strong breeze from S.S.W. with squalls. Barometer rising slowly. Ship rolling easily.

(Signed) C. B. T. Moore Ensign.

From 6 to 8 P.M. Clear and pleasant. Strong wind from S.W. Squally. Heavy following sea. Bright moonlight. At 6.30 mustered at quarters. Light scud passing to N.E.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant. Bright moonlight during first two hours, clouding over from S. and W. last two. Fresh breeze from S.W. Ship under single reefed topsails, T.G. sails, foresails and fore topmast stay sail.

(Signed) C. K. Curtis Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	3.	BARON	METER.	т	EMPERAT	URE.	01-1	F		01-1-	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
± A,M	¥	Ē.									•		₽ 00		
1	8	0	E 1/2 S	SW	4-6	29.94	80	80	77	80	bcq	Cum	1	М	Single reefed topsails
2	7	4	ш	SSW	"	"	"	"	78	"	bcql	Nimb "	"	"	T. G. sails Foresail
3	7	2	"	"	"	29.91	"	"	"	"	org	ш	0	"	and jib.
4	6	0	"	и	3	29.92	"	"	u	u	"	u	"	"	
5	3	4	"	S by W	2	u	"	79	"	"	bcq	u	3	"	Topsails T. G. sails
6	4	2	ш	SSW	3	29.93	"	"	77	u	bc	ш	6	"	Foresail, jib F.T.
7	5	4	"	SW	4	29.94	"	81	79	"	и	u	5	"	M.S.S.
8	6	0	44	и	"	u	"	"	u	u	и	и	4	"	
9	6	0	44	и	3	29.97	79	"	78	u	и	и	1	"	Jib F.T.M.S.S.
10	6	0	E 1/2 N	и	"	u	"	"	"	"	u	u	"	"	Foresail, T. G. sails,
11	5	6	"	"	"	"	"	"	69	"	u	"	"	"	Royals, Lee clew of
Noon	4	4	ш	ш	ш	u	"	ш	68	и	u	ш	ш	ш	Mainsails.
Distan											70 1 4 -		. f-4b		
			-	eceding Noon	l					,	73 knots		fathoms.	" NI	
			at Noon								38 ° 57 °	00 ' 43 '	00	" N. " W.	
			R. at Noon ervations at I	Noon @							38 °	12 '		" N.	
				om Forenoon	Observat	ions (0					57 °	42 '		" W.	
_			ne time	0 knot		fms. per	hour se	ettina to	the	N.E. by		72	30	**.	
		-		Amplitude ⊙				Juli 19 10			0			"	
				Azimuth ⊙ ob							13 °	20 "	00	" W.	
				preceding 24 h									230 gallo	ons.	
Water			ndensed			the preceding	24 hou	rs					350	"	
Water	rema	aining	on hand fit	for me at Nooi	n								2570	u	
Coal	onsu	med	during the p	receding 24 ho	ours							tons	505 lb	os.	
Coal r	emaiı	ning (	on hand at N	loon							110	ш	1465	ш	
DM															
P,M 1	5	0	S 1/2 N	SW	3	29.95	79	81	78	81	bc	Cum Nim	nb 1	М	и
2	5	0	44	ш	44	u	"	82	"	"	u	и	u	u	и
3	6	0	ш	S and W	3-5	29.94	"	81	"	"	oqr	ш	0	u	и
4	6	0	"	"	44	29.92	"	"	"	"	oq	u	0	R	и
5	4	0	"	"	44	29.88	78	77	76	"	orq	u	"	u	T. G. sails, Topsails
6	4	4	Е	и	2-4	29.86	"	"	"	"	bc	и	2	и	F.T.M.S.S. jib.
7	5	2	ш	SSW	4	29.87	"	78	"	"	ш	ш	5	u	Courses, single
8	5	4	ш	"	ш	29.89	"	79	"	"	ш	ш	7	u	reefed topsails,
9	4	6	"	u	44	29.91	"	"	77	"	bcl	u	1	"	T. G. sails, jib,
10	5	0	"	u	и	u	"	"	ш	"	u	u	и	и	F. T. M. S. S.
11			"	"	44	ш	"	"	"	"	ш	u	u	и	и
Mid.			ш	и	44	и	44	ш	es	ш	ш	и	и	u	и
Longit	ude b	oy Ch	ronometer fr	om Afternoon	Observat	ions ⊙					0	,		ш	
Longit	ude b	by Ch	ronometer C	bservations				:	*		0	4		"	
Variat	ion of	f the	Compass by	Amplitude		0	bserved	at Suns	set		0	4		"	
Variat	ion of	f the	Compass by				at				0	•		"	

Commences and until 4 A.M. Partially cloudy first part of watch, with passing showers of rain. Cloudy and rainy latter part. Cum. Nimb. cloud. Fresh breeze with light squalls from S.S.W. Fires banked in two boilers. Stopped distilling at 2.30. Lightening to S. and E. Steam 25 lbs.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Rain squalls first hour, pleasant remainder of watch. Moderate breeze from S.W. At 7.30 shook reefs out of topsails. Fires dying out in two boilers.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Cloudy and pleasant. Moderate breeze from S.W. At 8.30 crossed royal yards and set royals. At 9 changed course to E. 1/2 N. At 9.30 mustered at quarters.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy and pleasant. Squally last two hours. Moderate breeze from S. and W. At 3.45 took in and furled royals, set weather clew of mainsail. Otto V. Wrisberg (Master at Arms) is declared a deserter, having been absent from the ship ten days without leave.

(Signed) C. K. Curtis Lieut.

From 4 to 6 P.M. Overcast. Rainy. Squally. At 4.15 hauled up mainsail, clewed up T. G. sails. At 5 changed course to E. At 5.35 set mainsail. At 5.55 set T. G. sails. Rough sea. Barometer falling.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Cloudy but pleasant. Moderate breeze from S.S.W. At 6.30 reefed topsails. Mentioned at quarters. Moon totally eclipsed.

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Cloudy and pleasant. Fresh breeze from S. and W. first part, shifting to S. latter part of watch. Moon partially eclipsed until 9. Bright moonlight. Lightening in horizon to S. (Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	-	BARON	METER.	TE	EMPERA	TURE.					
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
Ĭ A,M	₹	Fa								÷	•		Ē.S		
1	6	0	E	SW	3-4	29.92	79	80	78	81	bc	Cum	7	М	Single reefed T. sails,
2	6	0	u	ш	"	29.90	u	u	"	"	"	u	"	"	T. G. sails Courses,
3	6	4	u	ш	4	29.89	u	u	"	"	"	u	5	"	jib, F.T.M.S.S.
4	6	0	и	u	3	u	"	"	"	"	u	u	8	"	и
5	5	4	u	WSW	"	29.87	u	u	"	82	"	Cum Nimb	"	S	Topsails, T. G. sails,
6	5	4	u	ш	"	29.89	"	82	80	"	"	Cir Cum	6	"	Royals courses, head sails.
7	6	0	u	и	"	29.88	"	"	и	"	u	u	"	"	и
8	6	2	ш	ш	4	29.90	"	"	"	"	u	ш	7	"	ш
9	6	2	ш	SW	ш	29.91	"	"	"	81	u	ш	и	"	ш
10	6	0	u	ш	"	u	80	83	"	"	"	u	5	"	и
11	3	0	" F 1/2 C	WSW	u	29.90	ш	u	"	"	"	u	6	"	ш
Noon	3	0	E 1/2 S	ш	44	u	"	"	"	"	u	ш	5	"	ш
Dioton			Log since pro	anding Noon							I31 knots	2.6	athoms.		
			Log since pred . at Noon	cealing Noon						'	38 °	44 '	28	" N.	
			R. at Noon								55 °	00 '	30	" W.	
_			ervations at No	oon ⊙							38 °	55 '	00	" N.	
	•		ronometer fro		Observati	ons ⊙					54 °	25 '	00	" W.	
•		•		1 knot		fms. per	hour, se	etting to	the	N.E. by	E. 3/4 E				
		-	Compass by A	mplitude ⊙ d	bserved a			•		·	0	"		"	
Variati	on of	the (	Compass by A	zimuth ⊙ ob	served at	8 A.M.					18 °	15 "	00	"W.	
Water	expe	nded	during the pre	eceding 24 h	ours								230 gall	ons.	
Water					during t	he preceding	24 hou	rs						u	
Water	rema	aining	on hand fit fo	r me at Noor	1								2340	"	
Coal c	onsu	med	during the pre	ceding 24 ho	ours							tons	275	bs.	
Coal re	emair	ning o	on hand at No	on							110	" 1	190	44	
P,M	3	4	E by S 1/4 \$	S							Cir				
1	3	0	E by S 1/2 S	S SW	4	29.89	82	84	80	81	Cum	bc	8	S	Head sails, T. G. sails,
2	6	2	E by S 1/4 S	S "	и	29.88	и	и	44	44	и	ш	7	и	Royals, Topsails, Courses
3	6	0	и	и	и	и	и	83	"	ш	и	и	2	и	Spanker, G. Topsails.
4	4	6	u	ű	3	u	и	и	"	ш	ű	и	3	u	и
5	5	0	ESE 3/4 E	u	u		80	"		80		u	4		u
6	4	4				29.87		82				"	5	"	
7	3	6			2-3	29.88			79	"			6		Royals, T. G. sails T. sails
8	4	0		14/014/					70	"					Foresail, jib.
9	3	6	и	WSW	2	29.89	4	4	78 "	и	u	u	8	"	и
10 11	3	0	u	W	ш	20.00	"	"	"	u	и	u	9	"	и
	2	2	u	и	"	29.90	и	81	"	"	u	ш		"	ш
Mid.	2	2						01							
Longit	ude b	y Ch	ronometer fro	m Afternoon	Observati	ons ⊙					0	•		"	
Longit	ude b	y Ch	ronometer Ob	servations				;	*		0	4		"	
Variati	on of	the (	Compass by A	mplitude		0	bserved	at Suns	et		0	4		"	
Variati	on of	the (	Compass by				at				0			"	

Commences and until 4 A.M. Clear and pleasant. Bright moonlight. Moderate breeze from S. and W. Ship under single reefed topsails, T. G. sails, courses, jib and fore topmast stay sail.

(Signed) C. K. Curtis

Lieut.

From 4 to 8 A.M. Clear. Warm. Light. W.S.W. breeze. Cum. Nimb. clouds. Exchanged colors with an American whaling bark standing to S. and E. At 7.40 shook reefs out of topsails. At 7.45 crossed royal yards and set royals. At 8, set jib.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Moderate breeze from S. and W. At 9.15 inspected at quarters. Exercised divisions at fire quarters. At 10.30 changed course to E. 1/2 S. At 12.27 changed course to E. by S. 1/4 S.

(Signed) C. B. T. Moore Ensign.

From Merid. to 4 P.M. Cloudy and pleasant. Moderate breeze from S.W. Long swell from S.W. (Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear and pleasant. Moderate S.W. breeze. Ship under all plain sail to royals. At 6 took in spanker and gaff topsail.

(Signed) C. K. Curtis Lieut.

From 6 to 8 P.M. Clear, partially cloudy. Warm. At 6.30 mustered at quarters. At 7.10 hauled up mainsail. At 7.40 hauled down fore topmast staysail and flying jib. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light breeze from W. Barometer rising slowly.

(Signed) C. B. T. Moore

Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROM	ETER.	TE	MPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	Œ									*	•		20		
7, W	2	0	ESE 3/4 E	W	2		29.87	80	81	70	01	bc	Cir Cum	8	S	Jib, Foresail, Topsails,
2	2	0	"	"	<u>~</u>		29.0 <i>1</i>	"	0 I "	78 "	81	ű.	"	"	"	T. G. sails, Royals.
3	2	0	"	ш	u		29.86	u	"	"	"	u	u	u	"	"
4	2	0	ш	и	u		u	u	"	"	"	u	u	"	"	и
5	1	4	ш	и	"		"	u	82	79	"	u	u	9	"	и
6	0	4	"	ш	u		29.90	и	"	"	"	u	u	6	"	ш
7	0	4	ш	N and W	1		"	ш	"	"	"	u	u	4	"	и
8	No s	teera	age way	ш	u		u	и	44	80	44	u	u	6	"	и
9	0	6	SE	N and E	"		"	78	"	78	"	и	ш	"	"	Fore royal, T. G. sails
10		0	SSE	E	u		"	"	80						"	Topsails, Foresail jib,
11		4	S by E 1/2 E	"	"		"	79 "	81	79	u	"	"	u	"	spanker
Noon	0	4								80						•
Distan	ce run	by L	og since preced	ling Noon							6	65 knots	2	fathoms.		
			at Noon									38 °	54 '	30	" N.	
Longit	ude by	D. F	R. at Noon									53 °	02 '	00	" W.	
Latitud	le by C	)bsei	vations at Noon	. ⊙								39 °	00 '	00	" N.	
Longit	ude by	Chr	onometer from F	orenoon Ob	servatior	ns ⊙						52 °	43 '	00	" W.	
Currer	nt durin	g the	e time	knot	s 6		fms. per	hour, se	etting to	the	E. 20° N	l.				
Variati	on of tl	he C	ompass by Amp	litude ⊙ obs	erved at	Sunri	se					0	и		**	
Variati	on of tl	he C	ompass by Azin	nuth ⊙ obser	ved at 8	A.M.						22 °	15 "	00	" W.	
	expen	ded	during the prece	ding 24 hour										230 gallo	ons.	
Water			1.516		during	the p	receding	24 hour	rs					0110	"	
		-	on hand fit for m										tons	2110 275 lt	os.	
			uring the preced n hand at Noon	ing 24 nours	•							110	"	915	<i>"</i>	
000.71	J		Thank at 110011											0.0		
P,M																
1	2		•	NE	2		29.90	79	82	78	81	bc "	Cir Cum	7	S "	Royals, T. G. sails,
2	3						29.91	u	81	"	82	"		6		Topsails Foresail, single
3	4				3		29.90		"					5		reefed M. sail, jib,
4	5						29.89			70						Spanker.
5 6	6 6			"	4-5 "		29.88	78	80 79	76 "	81	"	ш	6	ш	T. G. sails Topsails
7	6	, -		"	"		29.89	"	"	"		ш	u	"	"	Foresail, reefed M. sail.
8	5			"	"		29.90	"	"	77	"	и	"	3	М	Jib, spanker.
9	4			"	5-7		"	ш	u	75	и	00	Cir Cum	0	Р	Close reefed topsails,
								"			"	oq 	Nimb "		"	
10	4		,	2E NE	6-8		29.89	и	77 "	73	"	bcql "	и	1		Single reefed M. sail,
11 Mid.	4			ш	"		29.88 29.90	ш	и	"	80	и	u	и	u	Foresail, F. T. M. S. S. Spanker.
mid.	7		. 000170				20.00				50					opa.mor.
Longit	ude by	Chr	onometer from A	Afternoon Ob	servation	ns ⊙						0			u	
-			onometer Obser						*	k		o			u	
Variati	on of tl	he C	ompass by Amp	litude			ob	served	at Suns	et		0	•		u	
Variati	on of tl	he C	ompass by					at				0	•		u	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from W. Bright moonlight.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 A.M. Clear, warm and pleasant. Light airs from N. and W. No steerage way on ship last hour.

(Signed) C. K. Curtis Lieut.

From 8 to Merid. Clear. Pleasant. Light E[aster]ly airs. Cir Cum clouds. At 8.20 set spanker. Furnished Herman Meyer (1.C.B.) James Hackett (2.C.B.) and Nicholas Lynch (2.C.B.) with specifications of charges against them for Summary Court Martial. At 10.45 took in and furled main royal, sent down royal yards, unbent the sail, rebent other royal and sent yard aloft. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N.E. increasing during watch. Barometer falling slowly.

(Signed) C. B. T. Moore Ensign.

From 4 to 6 P.M. Clear and pleasant. Fresh breeze from N.E. at 5, took in royals and sent down royal yards. Wind freshening.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Cloudy and pleasant. Moderate breeze from N. and E. At 6.15 took single reef in topsail. Ship under single reefed topsails, top gallant sails, courses, jib and fore topmast staysail.

(Signed) C. K. Curtis Lieut.

From 8 to Midnight. Cloudy. Cool. Pleasant. Moderate gale, with heavy squalls, from N. and E. At 8.30 took in and furled T. G. sails and hauled down jib. At 10.30 took close reef in topsails.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WIN	DS.		BAROM	ETER.	TE	MPERAT	URE.	State of	Forms of		State	
5	ts	oms.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry Bulb.	Air Wet	Water	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Hour	knots	Fathoms.				P.	inches.		Bulb.	Bulb.	surface	symbols		Prop Sky,		under at end of watch.
A,M																
1	4	2	SE 1/2 E	NE	6-8	3/4	29.90	78	77	74	79	bc	Cum Nimb	2	М	Close reefed topsails,
2	4	0	SE 1/4 E	"	5-7		u	u	и	"	78	u	"	5	и	single reefed m. sail.
3	4	2	SE 3/4 E	ш	u	1/2	29.88	"	44	"	"	ogp	"	0	u	foresail, spanker,
4	5	0	SE 1/2 E	"	ш	44	29.87	ш	44	и		ш	u	и	и	F.T.M.S.S.
5	5	0	SE by E	и	ш	3/4	u	75 "		73	"	og "		"	R "	
6	4	4	SE by E		"		29.89		75 "		81	"				
7	4	0	1/4 E	и				74 "	и	72	u	u			"	
8	4	0	SE by E	"	6-8		29.91		"			"		"	"	
9 10	3	0 4	ш	44	6	"	29.93	75 "	76	ш	82 81	bcq	Cir Cum	3	ш	Single reefed topsails, single reefed M. sail.
11	4	4	SE 1/2 E	44	ш	и	29.93	и	77	ш	"	"	"	"	ш	foresail, F.T.M.S.S.
Noon	3	4	"	44	ш		29.92	u	"	"	u	u	"	ш	"	Spanker.
																·
Distan	ce rur	n by I	og since prec	eding Noo	n						1	03 knots	21	athoms.		
			at Noon									38 °	19 '	00	" N.	
-			R. at Noon	•								50 °	45 '	00	" W.	
			rvations at No ronometer fron		Obcon	ations G	a					38 ° 50 °	08 ' 38 '	00 00	" N, " W.	
Currer					nots	alions e	fms. per	nour se	etting to	the		50	36	00	VV.	
		-	Compass by Ai			ed at Sui		,	in g to	0		0	и		"	
			Compass by A									0	ш		"	
Water	exper	nded	during the pre	eceding 24	hours									230 galle	ons.	
Water					dur	ing the	preceding	24 hour	rs						"	
Water	remai	ining	on hand fit for	me at Noo	on									1880	ш	
			during the pred		ours								tons		bs.	
Coal re	emain	ing o	n hand at Noc	on								110		640		
P,M																
1	4	6	SE by E	N and E	6-8	1	29.94	75	77	72	80	bcq	Cum Nimi	3	R	и
2	3	0	N 1/2 E	"	ш	ш	29.96	76	"	"	и	и	ш	и	"	и
3	4	0	u	ш	и		30.03	"	"	"	"	u	u	5	"	и
4	4	2	N by E	44	и		30.01	и	76	"	ш	u	и	3	u	и
5	4	0	N 1/2 E	ш	и	3/4	29.99	"	44	73	и	ш	"	2	"	и
6	3	0	N	"	и	1/2	30.03	и	44	44	и	ш	"	3	"	ii
7	2	0	"	ENE "	"	"	30.05	74	75	"			"	1	u	Close reefed topsails
8	3	0	N by E	44	ш	4	30.06			70	79 70	и	u		"	foresail, F. T. M. S. S.
9	3	0	N 1/2 E N by E			1	30.12	70	и	72	78 "	и	u	2	"	spanker.
10	3	0	1/2 E	E "	5-7		30.10	76 "	и	u		ш	u	-		и
11 Mid.	3	4 0	N by E N 1/2 E	и	ш		30.14 30.10	"	и	ш	77	bqr	"	1	и	и
wiiu.	J	U	14 1/2 L				50.10					pdi		J		
Longit	ude by	y Chi	onometer from	n Afternoor	n Observ	ations @						0			ш	
_			ronometer Obs						*	<b>k</b>		o	•		u	
Variati	on of	the C	Compass by Ai	mplitude			ob	served	at Suns	et		0			"	
Variati	on of	the C	Compass by					at				0			"	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, squally. Moderate gale from N.E. Obscured moonlight. Passing showers last two hours. Barometer falling.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Overcast and cool. Squally. Moderate gale from N. and E. Barometer rising slowly. A reel with logline attached was dropped overboard and lost. Rolling and pitching moderately. Sea rough.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Cloudy and squally. Moderate gale from N.E. Barometer rising slowly. At 8.15, shook out third reef from topsails, and at 10, shook out second. Ship under single reefed topsails, foresail, single reefed mainsail, foretop mast staysail and spanker.

(Signed) C. K. Curtis Lieut.

From Merid. to 4 P.M. Partially cloudy. Cum. Nimb. clouds. Blowing moderate gale, with heavy squalls from N. and E. At 1.15 wore ship to N.

(Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Cloudy, squally. Moderate gale from N. and E. Sea rough. Ship rolling and pitching heavily.

(Signed) C. B. T. Moore Ensign.

From 6 to 8 P.M. Cloudy and squally. Strong breeze from E.N.E. Rough sea. Close reefed the topsails. Moon rose at 7.30. Ship pitching moderately. Barometer rising slowly.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast and squally. Blowing fresh from E. Barometer rising slowly. Passing rain squalls last hour.

(Signed) C. K. Curtis Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINE	os.		BAROM	ETER.	TE	MPERAT	URE.	State of	Forms of	9.3	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1 1	3	0	N	N and	6-9	1	30.16	75	74	73	80	bcq	Cum	2	R	Close reefed topsails,
2	0	4	N by E	E "	2-3	2	30.18	u	"	71	"	"	Nimb "	"	"	F.F.M.S.S. spanker.
3	1	0	NNE	Е	5-7	"	30.16	"	"	"	"	u	u	3	"	"
4	1	0	N	"	4-7	u	30.14	"	"	72	"	u	u	"	"	и
5	1	0	N by W	ENE	5-7	3	30.13	44	"	"	"	ш	и	2	"	Close reefed topsail,
6	0	6	N 3/4 N	"	4-7	u	30.15	"	"	"	"	и	u	3	"	single reefed M. sail.
7	1	0	ш	44	4-6	u	30.16	"	"	"	"	"	u	2	"	foresail, F. T. M. S. S. spanker.
8	1	6	N	ш	5-7	2	30.17	"	"	"	"	"	u	u	"	и
9	1	4	N by E	ESE	2-5	3	30.20	73	"	"	"	"	u	1	"	F.T.M.S.S. single reefed
10	2	0	NE by N	E	u	1 1/2	30.22	44	"	u	"	u	u	u	"	topsails, foresail, single
11	2	0	NE	"	3-7	u	30.20	74	75	"	"	oq	u	0	"	reefed M. sail, spanker.
Noon	2	4	ш	и	u		и	и	и	44	44	u	u	**	u	и
Distanc	e run	hv I i	og since prece	dina Nooi	1						5	8 knots	0 f	athoms.		
Latitude			-	.ug . 100.	•							38 °	49 '	00	" N.	
			t. at Noon									51 °	49 '	00	" W.	
_			vations at Noc	on ⊙								0			"	
			onometer from		Observ	ations ⊙						51 °	19 '	30	" W.	
Current	durin	g the	time		knots		fms. per	hour, se	etting to	the						
Variatio	n of tl	he Co	ompass by Am	nplitude ⊙	observe	d at Sunr	ise					0	ш		44	
Variatio	n of ti	he Co	ompass by Az	imuth ⊙ o	bserved	at 8 A.M.						20 °	13 "	00	" W.	
Water e	expen	ded o	during the pred	eding 24	hours									230 gallo	ons.	
Water					dı	uring the	preceding	24 hour	rs						"	
Water r	emair	ning o	on hand fit for	me at Noo	n									1650	"	
Coal co	nsum	ed d	uring the prece	eding 24 h	ours								tons	275 lb	os.	
Coal re	mainiı	ng or	n hand at Noor	1								110	и	365	ш	
P,M																
1	4	4	N 1/2 W	E by N	3-6	1	30.20	74	75	72	79	oq	Cum Nimb	0	R	Single reefed topsails,
2	5	4	ш	"	ш	и	и	"	"	"	и	u	u	u	и	T.G. salis single reefed
3	6	4	N 1/4/W	u	и	u	и	44	"	"	44	u	u	u	и	M. sail, foresail, jib,
4	4	4	N by E 1/2	Ε "	2-5	и	"	"	"	"	u	bcq	u	1	u	F.T.M.S.S. spanker,
5	5	2	N 1/2 E	ш	3-6	1/2	30.22	"	76	"	80	ш	u	3	и	gaff topsail.
6	5	2	ш	u	3-5	и	30.20	"	"	"	"	u	u	2	и	и
7	4	0	S by E 1/2 I	E	и	и	30.21	"	75	71	u	u	u	4	и	и
8	5	2	S by E 3/4 I	≡ "	ш	44	30.23	"	"	"	u	u	u	6	и	и
9	1 1	4 0	South NE by E	SE	и	u	30.21	44	74	"	44	u	u	1	и	и
10	4	4	NE 1/2 N	ESE	ш	и	30.18	"	"	"	и	u	u	u	и	и
11	6	0	NNE	E by			u	"	"	"	"	u	u	2	"	и
Mid.	4	4	"	S "	и		30.17	u	"	"	"	"	u	4	"	и
	·	•												٠		
Longitu	de by	Chro	onometer from	Afternoor	Observ	ations ⊙						0			"	
Longitu	de by	Chro	onometer Obs	ervations					*	k		0			"	
Variatio	n of tl	he Co	ompass by Am	plitude			ob	served	at Suns	et		0	•		u	
Variatio	n of tl	he Co	ompass by					at				0			"	

Commences and until 4 A.M. Cloudy. Obscured moonlight. Blowing moderate gale from N. and E. with heavy squalls first hour. Strong wind with squalls from E. remainder of watch. At 1.15 hauled up courses.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Cloudy, cool. Strong breeze with squalls from N. and E. Sea rough. At 7.35 set course. Barometer rising.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Overcast and cool. Moderate breeze from E. Squally. Sea rough. At 9.30 inspected at quarters. At 10, a Summary Court Martial convened for the trial of Herman Meyer (1.C.B.) Nicholas Lynch (2.C.B.) and James Hackett (2.C.B.) One sail in sight at end of watch. Long swell from N.E. Court Martial adjourned until 1 P.M.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy and squally. Fresh breeze from E. At 12.15 set T. G. sails and at 1, set gaff topsails. Summary Court Martial met at 1. and at 2.30 adjourned to await action of revising power. At 2 exchanged colors with [space] brig steering to S. and E.

(Signed) C. K. Curtis Lieut.

From 4 to 6 P.M. Cloudy, partially clear. Fresh E[aster]ly wind with squalls. Cum. Nimb. clouds. (Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Cloudy, cool. Fresh breeze with squalls from E. At 6, tacked ship. Barometer rising.

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Cloudy and squally with drizzling rain. Moderate breeze from S. and E. Clouds passing to N. and E. Bright moonlight latter part of watch. Long swell from E.S.E. Barometer falling slowly.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINE	os.		BAR	OMETER.		TEMP	ERATU	RE.	State o	f Forms	of .		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force	Leeway.	Height in inches.	Th att	er. / 'd. [	Ory 1 ulb. I	Air Wet Bul b.	Water at surface.	the Weathe by symbols	Clouds er symbo	by S	Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_										-							
1	5	0	NE by N	S and E	3-5	1/2	30.18	74	. 74	4	72	79	bc	Cir	3	3	М	
2	4	0	1/2 N NE by N	и	"	"	30.15		"		"	"	ш	Cum "	"		"	
3	2	0	"	и	2-4	и	"	ш	и		"	ш	и	"	2	2	u	
4	2	0	и	и	3	u	u	44	u		"	и	и	u	"		u	
5	2	4	NNE 1/2 E	Е	u	u	30.18	"	u		"	78	и	u	5	5	u	All plain sail.
6	3	0	"	и	u	u	30.20	"	u		"	77	и	u	4	ļ	u	with single reefed
7	3	2	NE by N	"	и	u	u	и	и		"	и	и	ű	"		и	Mainsail.
8	3	6	NNE 1/2 E	"	"	"	"	"	"		"	75	и	"	"		u	
9	5	2	NE by N	E by S	"	ш	30.19	"	"		"	ш	ш	"	2	2	u	All plain sail
10	4	6	NNE 1/2 E	u	u	и	30.20	ш	"		"	76	ш	"	"		u	except royals, fly,
11	3	4	NE 3/4 N	ш	u	и	30.21	**	u		"	74	и	u	"		u	jib, single reefed
Noon	3	0	и	ESE	u	и	30.20	ш	ш		"	73	ш	u	"		u	Main sail.
<b>-</b>																		
			og since prec at Noon	eaing Noon								99 kr 40		02 '	fathom		" N.	
	-		. at Noon									51	0	29 '			" W.	
			vations at No	on ⊙								39	0	53 '			" N.	
	-		nometer fron		Observa	ations ⊙	)					50		51 '			" W.	
Curren				1 knd			fms. per l	nour, se	etting to	the	E. 21	° N.						
Variation	on of t	he Co	ompass by Ai	mplitude ⊙ c	bserve	d at Sun	rise						0					
Variation	on of t	he Co	ompass by A	zimuth ⊙ obs	served	at 8 A.N	Л.					22	0	40 '	. 0	0	" W.	
Water	expen	ded d	luring the pre	ceding 24 ho	ours										230 g	allon	S.	
Water						ing the p	preceding	24 hou	rs								u	
		-	on hand fit for											tono	142	.0		
			uring the pred hand at Noo	-	urs								110	tons "	275 90	lbs.		
Odaric	inann	ng on	mand at 1400										110		30			
P,M																		
1	3	0	NE 3/4 N	E by S	3	3/4	30.20	74	74	71	7	'5 o		Cum Nin	nb	0	S	Jib, F.T.M.S.S. foresail
2	3	4	S by E	ı	"	1/2	30.18	"	"	70	"	"		u		u	u	Topsails, T. G. sails,
3	3	4	1/2 E	ı	"	"	30.16	"	"	"	"	"		u		u	u	spanker, single reefs
4	4	0		ı	"	"	"	"	"	"	"	"		и		u	"	Mainsail.
5	5	4	SSE .	ı	2-4	u	30.13	"	u	71	7	'6 oq		ш		"	u	
6	6	0	3/4 E SSE '	ı	"	и	30.10	"	"	44	"	"		ш		u	u	
7	5	0	S by E	ı	3-5	1/4	30.12	ш	u	73	"	"		и		"	М	Double reefed topsails
8	0	4	1/2 E NE '	/ariable	0-1	0	30.14	75	u	"	"	0		и		"	u	course, spanker,
9				Calm	0	"	30.13	"	75	44	7	'8 "		u		u	u	F.T.M.S.S.
10		"	" "		"	и	30.12	"	и	44	"		ı	u		"	u	
11	0	6	NE by	S and E	3	"	30.11	"	"	"	"	0		и		u	u	
Mid.	1	4	NE by		"		u	ш	44	"	и	ор		u		"	u	
iviiU.	'	4	E 1/4 E									υр	'					
Longiti	ıde by	Chrc	nometer fron	n Afternoon	Observa	ations @	)						0				ш	
_			nometer Obs		_ 2001 V				:	*			0		ı		u	
_			ompass by Ai				ob	served	at Suns				0				"	
			ompass by					at					0				"	
			•															

Commences and until 4 A.M. Cloudy and cool. Moderate breeze from S. and E. decreasing during last hour. Ship under single purpose topsails, T. G. sails, single reefed mainsail, foresail jib and spanker.

(Signed) C. K. Curtis Lieut.

From 4 to 8 A.M. Partially cloudy. Mackerell sky. Light E[aster]ly breeze. At 7.25 shook reefs out of topsail. At 7.40 crossed royal yards and set royals. At 8 set gaff topsail and flying jib. At daylight sighted a sail astern.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Cloudy, cool. Light E[aster]ly breeze. At 9.30 inspected at quarters. 1<sup>st</sup> and 2<sup>nd</sup> Divisions exercised at great guns. At 9.40 took in royals and flying jib. A sail in sight on starboard quarter.

(Signed) G. B. T. Moore Ensign.

From Merid. to 4 P.M. Overcast and cool. Moderate breeze from S. and E. Sea smooth. At 1, tacked ship. At 2.40 passed a Dutch bark and signaled by Commercial Code as follows. B.N.W. B.O.F. and B.P.L. She answered B.P.H.J. B.D.T.N. H.F.G. and H.F.P. She is bound for Falmouth Eng. from Point Galera 33 days out.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Cloudy and squally. Fresh breeze from E. by S. At 5, sent down royal yards.

(Signed) C. K. Curtis
Lieut.

From 6 to 8 P.M. Overcast, squally first hour, wind from E. by S. Wind dying out and shifting to S. towards end of watch. At 6.20 took in and furled T. G. sails and stowed jib and gaff topsail. Took double reef in topsails. At 7.15 wore ship to N. and E. Barometer rising.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Overcast, slight passing showers latter part. At 8.30 took in courses. At 10.45 set them again. Calm first two hours. Moderate breeze from S. and E. last two hours.

(Signed) C. B. T. Moore

Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	S.		BAROM	ETER.	TE	MPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_															
1	2	0	NE	ESE	3-4	1 1/2	30.05	74	74	72	76	ogp	Nimb	0	m	Jib F.T.M.S.S. foresails,
2	3	6	NNE 1/2	44	"	1/2	30.07	u	u	"	"	bcp	Cum	1	u	double reefed topsails,
3	4	4	E "	ш	"	u	"	ш	u	"	u	bc	Nimb "	u	"	single reefed M. sails,
4	5	4	NE by E	SE	5-7	u	30.50	и	u	71	"	"	u	u	"	spanker.
5	4	0	NE by E	ш	3-5	1/2	u	и	u	"	"	bcq	u	u	"	•
6	3	0	1/2 E NE by E	44	"	"	30.03	"	"	"	77	oq .	44	0	"	
7	3	0	"	44	"	ш	30.05	u	u	"		bcq	44	1	ш	
8	3	4	NE by E	ш	"	u	u	73	u	"	"	oq	u	u	"	Same except jib.
9	4	0	1/2 E NE by N	S&E	3-4	1/4	30.07	u	u	72	"		ш	0	u	All plain sail to
10	3	6	NE NE	E	"	"	30.06	"	"	73	"	u	u	u	"	T. G. sails, single
11	3	4	NNE	ш	"	"	"	"	"	"	"	"	u	"	"	reefed M. sail.
Noon	4	0	N by E	ESE	"	u	30.05	ш	u	u	"	ocq	u	3	"	
Distan	ce run	ı by L	og since pred	eding Noo	n						7	77 knots	(	6 fathoms.		
Latitud	le by [	). R.	at Noon									40 °	19	' 30	" N.	
Longit	ude by	/ D. I	R. at Noon									50 °	14	' 30	" W.	
Latitud	le by 0	Obse	rvations at No	on ⊙								40 °	23	' 00	" N.	
Longiti	ude by	/ Chr	onometer fror	n Forenoor	n Observ	ations @						50 °	13	' 00	" W.	
Currer		-			nots		fms. per	hour, se	tting to	the						
			compass by A	•			nrise					0			"	
			Compass by A			at						Ü			•	
	expen	iaea	during the pre	ceding 24		ina tha i		24 have						230 gal	ons.	
Water	ramai	nina	on hand fit for	me at Noc		ing the	preceding	24 HOUI	S					1200	"	
		-	during the pred										tons		bs.	
			n hand at Noo	-								109	"	2055	ш	
P,M																
1	3	6	NE by N	ESE	3	1/4	30.05	74	75	74	80	bcp	Cum Nir	nb 2	М	Jib, F.T.M.S.S.
2	3	4	NE 3/4 N	u	2	"	u	"	"	"	ш	bc	u	3	u	foresail, T. G. sails.
3	3	4	NE	u	2-3	"	30.04	"	44	44	и	u	"	4	u	spanker, single
4	3	4	NNE	Е	3	"	44	"	"	"	79	и	"	5	"	reefed M. sail.
5	2	0	NNE 3/4 E		44	1/2	30.03	"	"	"	80	и	u	6	и	
6	4	0	NE 1/2 N	u	"	"	"	"	"	73	"	bcp "		3	"	
7	3	0	NNE NE by 3/4		2		30.05	-	-				•	2	-	
8	3	4	E	u	"	"	"	"	"	74	ш	bc	u	4	u	
9	4	0	NNE 1/4 E	E	3	1/4	30.07	u	"	44	79	и	и	7	u	T. G. salis, single reefed
10	2	0	S 1/2 E	u	2	"	u	u	"	73	u	u	"	6	"	topsail and M. sail,
11 Mid	2	6	S 3/4 E					"	76	"		u		4	"	foresail, jib, F.T.M.S.S.
Mid.	2	0	S				30.06		76	٠					-	spanker.
Longiti	ude by	/ Chr	onometer fror	n Afternoor	n Observ	ations @	)					0		4	"	
Longit	ude by	/ Chr	onometer Obs	servations					*	k		0			"	
Variati	on of t	the C	Compass by A	mplitude			ob	served	at Suns	et		0			ш	
Variati	on of t	the C	Compass by					at				0		4	u	

Commences and until 4 A.M. Cloudy and cool. Fresh breeze from S. and E. Squally, slight sprinkling of rain first part of watch. Barometer falling slowly.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Weather overcast and threatening. Wind fresh, with squalls from S.E. At 7.45 hauled down jib.

(Signed) C. K. Curtis Lieut.

From 8 to Merid. Cloud. Fresh E. breeze with squalls. Cum. Nimb. clouds. Light passing showers during latter part of watch. At 8.11 shook one reef out of topsails. At 8.25 set jib. At 8.30 set T. G. sails. At 8.55 hauled up mainsail and tautened reef earings, reset mainsail. At 9.15 inspected at quarters and inspected bags. At 9.35 set gaff topsail. At 9.40 shook other reef out of topsails. At 9.45 hauled up foresail and tautened head earings, reset foresail.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Passing showers first hour. Light breeze from from [sic] S. and E. Quarterly Board of Survey condemned a keg of butter as being bad, turned into slush fund by order of Commanding Officer. At 4, missed stays. Filled away on starboard tack.

(Signed) C. B. T. Moore Ensign.

From 4 to 6 P.M. Cloudy and pleasant. Gentle breeze from S. and E. Barometer steady. Long swell from S. E.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Partially overcast and pleasant. Light breeze from E.S.E. At 6.30 took single reef in the topsails.

(Signed) C. K. Curtis Lieut.

From 8 to Midnight. Cloudy, partially clear, with passing showers. Light E. breeze first part of watch. At 9, wore ship to S. Lunar rainbow visible between 9 and 10. At 12, wore ship to N and E.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut.
Navigator.

WINDS. BAROMETER. TEMPERATURE.  State of Forms of Size	
Courses the Clouds, by \$\frac{3}{2} \text{ of } \text{Rect}	ord of the sail the vessel is
The steered. Direction. Force: Fine High Inet. Air Air water weather symbols. Fig. the house of the high state of the hi	under at end of watch.
A,M	
1 2 4 NE by E 5 and 3 1/4 30.05 75 75 72 78 bc Nimb 2 S Single	e reefed topsails,
E NITID	sail, foresail,
3 1 4 NE by E 30.04	sails, F.T.M.S.S.
1/4 E 4  1  6 ENE 1/4  " " " " " " " " " " " " " " " " " "	panker.
E ENE 1/2 SE by	paritor.
5 2 0 E S 5/4 50.00 /4 /4	
6 4 E E 1 30.07	
7 No steelage way Califf 0 0	
0 1 4 E 399 1-2 1/4 bup 0	
9 No steerage way 0 " " " 76 op " " " " 10 " " " " " " " " " " " " " "	
10 " " " " 30.08 " " " " or " " " " " " 11 " " " " " " " " " " " "	
Noon 1 0 NE by N ESE 1-2 0 " " " " b " 1 "	
Distance run by Log since preceding Noon 50 knots 0 fathoms.	
Latitude by D. R. at Noon 40 ° 56 ' 00 " N.	
Longitude by D. R. at Noon 49 ° 55 ' 00 "W.	
Latitude by Observations at Noon ⊙ 41 ° 11 ' 00 "N.	
Longitude by Chronomore in the Potential Observations 9 49 54 00 W.	
Current during the time knots 5 fms. per hour, setting to the N  Variation of the Compass by Amplitude ⊙ observed at Sunrise ° " "	
Variation of the Compass by Azimuth $\Theta$ observed at Surinse	
Water expended during the preceding 24 hours 230 gallons.	
Water during the preceding 24 hours "	
Water remaining on hand fit for me at Noon 970 "	
Coal consumed during the preceding 24 hours 1 tons 1275 lbs.	
Coal remaining on hand at Noon 108 " 780 "	
P,M  1 No steerage way 0 30.08 72 74 74 76 or Cum Nimb 0 S	
1 No steerage way 0 30.08 72 74 74 76 or Cum Nimb 0 S 2 " " " " " 74 73 73 " bc " 1 "	
3 0 4 SE by E FNE 0.1 " " " bom " 2 "	
4 No steerage way 0 " " " " bc " " "	
SE by E	ain sail except
1/2 E	sail and spanker
6 2 4 2 " " " " " " 3 " mains 7 No steerage way Calm 0 30.07 " " " " " 6 " Same	•
9 2 0 SE by E SSW 3 30.06 " " " " " 7 "	M. trysail
1/2 E	w. uysan
9 3 4 " " " 30.10 74 76 " " " " " " " " " " " " " " " " " "	и
11 4 0 " " 3-4 " " 77 " " " " " "	ű
Mid. 5 0 SE by E S by W 4 " " " " " " " " " "	и
5 5 3/4 E 5 5/11 7	
Longitude by Chronometer from Afternoon Observations ⊙ ° "	
Longitude by Chronometer Observations * "	
Variation of the Compass by Amplitude observed at Sunset ° "	
Variation of the Compass by at ° ' "	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy, cool. Light breeze from S. and E. Barometer falling slowly.

(Signed) C. B. T. Moore
Ensign.

From 4 to 8 A.M. Cloudy and pleasant. Rainy. Light airs from S. and E. first part of watch, followed by calm. At 7, a light breeze sprung up from S. and W. Squared away. At 7.15 changed course to ESE 1/4 E. Shook reefs out of topsails at 7.30. Long swell from S.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Overcast and foggy with drizzling rain during first part, partially clear during latter part. Calm and light variable airs. At 8.30 crossed royal yards and set royals. At 9, sent down main royal yard and unbent sail for repairs, crossed the yard and set the sail at 11.30. At 12, started fires in boilers Nos. 1 and 2.

(Signed) C. K. Curtis Lieut.

From Merid. to 4 P.M. Overcast. Rainy. Misty. Cum. Nimb. clouds. Light E[aster]ly airs. Threw overboard 400 lbs bread condemned by Quarterly Board of Survey. At 1.30 wore ship to S. and E. Set foresail, main trysail and gaff topsail. At 3.25 started distiller. At 3.30 brailed up main trysail. At 3.35 brailed up spanker and hauled down gaff topsail. At 3.55 set spanker and braced around on starboard tack. Fires banked in two boilers. Average steam pressure 25 lbs. Distilling. (Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Cloudy. Pleasant. Light breeze from W. At 4.20 set flying jib. At 5.40 took in gaff topsail, spanker and main trysail. Fires banked in two boilers. Average steam pressure 25 lbs. Distilling. Sighted steamer standing to S. and W.

(Signed) C. B. T. Moore Ensign.

From 6 to 8 P.M. Clear and pleasant. Calm first hour, light breeze from S. and W. last hour of watch. Passed steamer standing to S. and W. Banked fires in two boilers. Average steam 25 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant. Bright moonlight. Moderate breeze from S.S.W. increasing during last hour.

(Signed) C. K. Curtis Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS.			BAROM	ETER.	TE	EMPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	ш												2.07		
1	5	2	ESE 1/4 E	S	4	0	30.10	77	76	73	75	bc	Cir Cum	8	S	Main trysail, gaff topsail
2	5	0	SE by E	и	"		30.09	75	74	72	73	и	u	u	u	and plain sail except
3	5	4	1/2 E	и	"	4	30.08	"	"		"	и	u	"	"	Mainsail.
4	5	4	ш	и	"	"	30.06 "	и	u	"	75	u	ш	"	"	wanisan.
5	5	6	ш	S by W	"	"	30.09	"	73	"	"	u	и	"	"	и
6	5	4	u	"	"	"	30.10	"	"	u	71	ш	u	9	"	и
7	5	0	er	u	3	"	"	74	"	"	70	u	u	"	"	и
8	4	6	er	u	"	"	30.09	"	"	"	68	u	u	"	"	и
9	4	4	и	u	4	1/4	30.07	72	"	u	"	u	u	u	"	и
10	4	4	u	и	"	ш	и	"	44	"	70	ш	u	"	"	и
11	6	0	ш	ш	5	"	u	"	"	"	u	u	ш	"	"	и
Noon	5	4	и	u	"	ш	30.08	и	и	"	u	u	u	"	"	и
Dioton	00 ru	n hv	l og sinse pre	eceding Noon								7 knoto	2	fathama		
		-	at Noon	ceding Noon							(	37 knots 40 °	59 '	fathoms. 00	" N.	
			R. at Noon									40 °	58 '	00	" W.	
-			ervations at N	loon (0								41 °	12 '	00	" N.	
	-			om Forenoon	Ohser	vations	. •					47 °	19 '	00	" W.	
Currer				1 knot		2	fms. per	hour se	ettina to	the	E.N.E.		10	00	•••	
		-		Amplitude ⊙					ing to			0	"		и	
				Azimuth ⊙ ob								22 °	28 "	00	" W.	
				receding 24 h										230 galle		
Water	·		ndensed	· ·		ing the	preceding	24 hour	rs					700	"	
	rema			or me at Nooi		Ü								1400	"	
Coal c	onsu	med	during the pre	eceding 24 ho	ours							1	tons	1875 I	bs.	
Coal re	emaii	ning o	on hand at No	oon								106	u ,	1145	u	
P,M																
1 - J	7	0	SE by E	S by W	4	1/4	30.08	75	75	72	75	bc	Cir Cum	9	S	
2	6	0	u	"	"	"	u	"	76	73	"	и	u	"	"	
3	6	0	u	и	"	"	30.07	"	"	"	"	и	u	и	"	
4	5	6	u	и	"	"	и	"	"	"	"	и	u	и	"	
5	5	4	u	SSW	3	0	и	"	44	"	"	"	u	8	"	Main topmast stay sail
6	5	2	ш	ш	"	"	30.06	"	"	u	76	ш	ш	5	u	M. try sail and all
7	4	6	ш	SW	"	"	30.07	"	"	74	78	ш	ш	4	u	plain sail except
8	4	6	ш	и	"	ш	30.08	"	u	и	"	ш	ш	7	"	mainsail.
9	5	6	ш	SSW	4	1/4	30.07	74	"	ш	"	ee	u	9	"	и
10	5	4	ш	и	"	ш	30.08	"	u	и	"	bcl	ш	u	"	и
11	4	4	и	"	"	"	30.05	и	"	u	"	и	"	8	"	и
Mid.	5	0	и	u	"	"	30.03	ш	"	u	"	es	Cum Nimb	7	"	ss.
_				om Afternoon	Obser	vations	; ⊙					0	4		и	
_			ronometer O							*		0	,		u	
			Compass by A	Amplitude			ob		at Suns	et		0	,		u	
Variati	on of	the (	Compass by					at				0	•		ű	

Commences and until 4 A.M. Clear. Cool. Pleasant. Bright moonlight. Moderate S[outher]ly breeze. Cir. Cum. clouds. At 3, sighted a full rigged brig standing to W showing no side lights. Fires banked in two boilers. Average steam pressure 25 lbs. Distilling. At 1.10 set gaff topsail.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear, cool and pleasant. Moderate breeze from S. At 4.45 sighted a sail on starboard beam. Fires banked in two boilers. Steam pressure 25 lbs. Distilling.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Clear and pleasant. Moderate breeze from S. and W. Sea smooth. At 9.30 inspected at quarters, afterwards exercised at fire quarters, time of casting loose as follows. Marine Guard 1 m. 30 s. Navigators Div, 1 m. 15 s. 1<sup>st</sup> Div, 1 m. 35 s. Engineer Div, 1 m. 45 s. 2<sup>nd</sup> Div, 1 m. 50 s. Powder Div, 1 m. 55 s. Secured in 1 m. 15 s. Clewed up royals and T. G. sails and set up royal and T. G. backstays. At 12, changed course to S.E. by E. Unbent fore trysail and stowed it below. Broke out M. T. M. S. sail. Fires banked in two boilers. Steam pressure 30 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from S. by W. At 2.30 set up main topmast staysail stay and tied the sail hauled down immediately after. At 3.45 set main topmast staysail. Fires banked in two boilers. Distilling. Average steam 30 lbs.

(Signed) C. K. Curtis Lieut.

From 4 to 6 P.M. Clear. Pleasant. Light S[outher]ly breeze. Cir. Cum. clouds. Mackerel sky. Fires banked in two boilers. Average pressure 25 lbs. Distilling. Barometer falling slowly.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Clear and pleasant. Light S.W[ester]ly breeze. Fires banked in two boilers. Pressure 25 lbs. Distilling.

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Clear and pleasant. Moderate breeze from S. and W. Moon rose at 10. Bright moonlight. Banked fires in two boilers. Steam pressure 25 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS.			BAROMI	ETER.	TE	MPERAT	JRE.	State of	Forms of	<b>.</b> .	State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	×	ı.									-	÷		E 0)		
1	5	4	SE by E	SSW	3	1/4	30.03	77	76	74	76	bc	Cir Cum	5	S	M.T.M. staysail, M. trysail
2	6	0	и	ш	u	"	ш	u	ш	"	"	u	ш	7	u	all plain sail except
3	6	0	и	44	u	"	"	"	"	u	u	"	u	и	u	main sail.
4	7	0	и	ш	4	"	"	"	"	"	"	"	ш	u	"	ш
5	6	4	и	44	u		30.02	76	"	"	"	"	u	ш	u	a
6	6	4	и	ш	и		"	u	75	"	"	u	ш	и	и	и
7	6	4	u	и	u		30.03	u	и	u	u	"	u		ш	u u
8	6	6	ш	"	"		30.05			"			"		u	
9	7	2	и	CW	"				77 "	76	"		u	4	u	Plain sail to T. G. sail
10 11	6 5	6 6	u	SW "	"		"	"	"	"	77	"	u	2	u	except main sail.
Noon	4	0	и	ш	"		30.07	"	"	"	"	bcr	u	1	u	и
1100.1	7	Ü					30.07					DOI				
			Log since pre	ceding Noon							•	140 knots 40 °		athoms.	" NI	
			at Noon									40 44 °	45 ' 17 '	00	" N. " W.	
			R. at Noon ervations at N	loon @										00	« v v .	
			ronometer fro		Obser	vations	.0					44 °	15 '	00	" W.	
_			e time	knot			fms. per l	nour, se	etting to	the		• •	.0		•••	
		-	Compass by A			rved at			Ū			0	и		ш	
Variati	on of	f the (	Compass by A	Azimuth ⊙ ob	served	at 8 A	M.					27 °	08 "	00	" W.	
Water	expe	ended	during the pr	eceding 24 h	ours									230 gall	ons.	
Water		Cor	ndensed		duri	ng the	preceding	24 hour	rs					750	44	
Water	rema	aining	on hand fit fo	or me at Nooi	า									1920	"	
Coal c	onsu	med	during the pre	eceding 24 ho	ours							1	tons 2	115 I	bs.	
Coal re	emaiı	ning c	on hand at No	oon								104	" 1	270	и	
P,M																
1	2	0	SE by E	NW by W	0-1		30.07	75	76	75	76	bcr	Cum Nimb	1	S	Plain sail except M.
2	5	2	и	SSW	3-4		30.06	74	74	"	"	44	и	"	"	With M.T.M.S.S. and
3	1 1	4 4	SE 1/2 E	"	3		30.03	"	"	"	"	bc	u	3	"	M. trysail.
4	3	0	и	u	"		"	"	"	"	u	44	u	8	"	46
5	3	0	и	S and W	2		30.07	76	75	"	"	44	Cir Cum	и	u	и
6	2	0	и	"	0-1		"	"	"	"	74	44	и	5	и	и
7	1	4	u	ш	"		30.08	u	"	"	"	"	u	7	"	Plain sail except
8	1	2	и	N and W	"		30.11	"	"	"	"	"	u	"	"	M. sail, spanker
9	1	0	и	"	ш		"	u	"	74	73	"	и	9	"	gaff topsail.
10	No	stee	age way	u	44		"	"	74	"	"	44	и	ш	и	All plain sail
11	**	"	и	Calm	0		"	74	"	73	и	44	Cum Nimb	8	"	except M. sail and
Mid.	0	4	SE 1/2 E	N and E	0-1		30.10	u	u	"	"	u	"	4	"	flying jib.
				4.0	01							0			"	
_			ronometer fro		Obser	vations	• •		اء.	b		0				
_			ronometer Ot				-اء	oon oo	at Suns	k ot		0	,		u	
			Compass by A	чиришае			OD		ai ouns	el		0			u	
variati	011 01	ı ıne (	Compass by					at				_	·			

[Editor's note: The following note was attached to the logbook entry for September 1st, 1877.]

By order of Commanding Officer, the following changes were made in the ratings of the apprentices onboard this vessel. Viz.

Pat. Punch from O.S.2.C. to O.S. from Aug. 12<sup>th</sup> 1877. J. R. Duncan from 1.C.B. to O.S.2.C. Sept. 1<sup>st</sup> 1877.

o. ix. Danoan ne	,,,,	1.0.0.	io o	.0.2.0.	OCPt. 1	1011.
John Delmore	"	"	"	"	"	"
James B. Stanley	<i>,</i> "	"	"	"	"	"
Edward Moran	"	"	"	"	"	"
Herman Meyer	"	"	"	"	u	"
A. T. Leigh	"	"	"	"	u	u
James V. Maion	"	"	"	"	u	"
Frank L. Handly	"	"	"	"	"	"
John Hall	"	"	"	"	u	u
Frank Tilghman	"	"	"	"	u	u
Wm. Hayden	"	2.C.B.	. "	"	"	"
Wm. Hardin	"	"	"	"	"	"
Frank Hunter	"	"	"	"	u	u
Anthony McFadd	en	"	"	" "	"	61
James Hackett	"	"	"	"	"	"
John Kallumback	"	"	"	"	"	u
Nicholas Lynch	"	"	"	"	u	"
Thomas G. Robe	rts	"	"	" "	"	4
George H. Kahn	"	"	"	"	"	"

Commences and until 4 A.M. Clear and pleasant. Moderate breeze from S.S.W. Lightening around northern horizon. Fires banked in two boilers. Average steam 25 lbs.

(Signed) C. K. Curtis Lieut.

From 4 to 8 A.M. Clear. Pleasant. Light S.S.W. breeze. Cir. Cum. clouds. Barometer rising slowly. Fires banked in two boilers. Average pressure 25 lbs. Distilling. By order of Comdg. Officer, gave extra duty as follows. Viz. John W. Grun (Lds) and Mich. J. King (Lds) one hour each. John Millmore (O.S.2.C.) and Thos. G. Roberts (1.C.B.) four hours each.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Cloudy, cool. Moderate breeze from S. and W. Sprinkling rain last hour. At 10, took in fore royal and hauled down flying jib. Set up fore royal and flying jib stay. At 11.30 set fore royal and flying jib. At 11, took in main topmast stay sail and gaff topsail. At 11.55 took in royals.

(Signed) C. B. T. Moore Ensign.

From Merid. to 4 P.M. Cloudy and pleasant. Rainy. Light breeze from S. and W. At 2.30 changed course to S.E. 1/2 E. At 3, set royals and flying jib. At 3.30 called all hands to muster and read findings and sentences of Summary Court Martial in following cases. Herman Meyer (1.C.B.) charged with disrespect and insolence to in superior officer. James Hackett (2.C.B.) and Nicholas Lynch (2.C.B.) charged with desertion. The above were found guilty and sentenced to 30 days solitary confinement on bread and water, full ration every fifth day and three months extra police duty. Findings and sentence were approved by Commanding Officer, but Medical Officer stating that the confinement would be injurious to their health, the sentence was commuted to 30 days simple confinement, bread and water every fourth day and three months extra police. The above was confined in accordance with sentence. Distilling.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear and pleasant. Light airs from S. and W. At 5.45 took in main trysail and spanker.

(Signed) C. K. Curtis

Lieut.

From 6 to 8 P.M. Clear and pleasant. Light breeze from S. and W. shifting to N. and W. at end of watch. At 7.10 hauled down and stowed M.T.M.S. Sail.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light variable airs and calm. At 10, hauled down flying jib. At 11.30 set spanker and main trysail. Moon rose at 11.15. Fires banked in two boilers. Steam pressure 25 lbs. Distilling.

(Signed) C. B. T. Moon, Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WIND	IS.		BAROM	ETER.	TE	MPERAT	JRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	_									-	•				
1	6	0	SE 1/2 E	NE	4	0	30.11	74	73	72	74	bc	Cum	6	s	All plane sail
2	7	0	и	"	5	и	u	и	u	и	"	ш	Nimb "	3	u	except M.sail with
3	7	0	и	"	ш	1/4	"	ш	ш	"	"	u	u	1	ш	try sail.
4	7	2	и	44	"	"	ш	u	u	"	"	bcq	и	3	"	ш
5	6	4	и	ш	4	44	30.12	"	74	u	"	bc	u	1	u	а
6	3	4	и	"	2	"	"	u	u	73	"	и	u	4	"	и
7	2	0	SSE 1/2 E	NNE	1-2	44	30.13	75	"	u	75	ш	Cir Cum	6	u	а
8	2	0	SE by S	"	ш	"	30.15	ш	ш	"	"	u	u	8	ш	Same with M.T.M.S.S.
9	2	6	SE 1/2 E	44	3	ш	30.17	и	76	74	44	es.	u	u	и	а
10	3	6	u	ш	"		30.18	"	"	"	"	u	u	6	"	M. try sail and all
11	4	0	и	ш	ш		"	и	и	76	"	u	u	8	и	plane [plain] sail except
Noon	3	0	44	и	ш		30.17	ш	77	77	и	"	ű	44	u	m. sail.
Distan	ice ru	n by	Log since pre	ceding No	on						7	77 knots	2 fa	athoms.		
Latitud	de by	D. R	at Noon									40 °	25 '	00	" N.	
Longit	ude b	y D.	R. at Noon									42 °	40 '	00	" W.	
Latitud	de by	Obse	ervations at N	oon ⊙								40 °	42 '	00	" N.	
Longit	ude b	y Ch	ronometer fro	m Forenoo	on Obse	rvations	•					42 °	54 '	00	" W.	
		-	ne time		nots		fms. per	hour, se	tting to	the						
			Compass by A									0	ш		ш	
			Compass by A			d at 8 A	A.M.					27 °	23 "	00	" W.	
			during the pr	eceding 24										230 gallo	ns.	
Water			ndensed	4 NI-		ing the	preceding	24 hour	'S					950	"	
		-	on hand fit fo									1	tono	2640		
			during the pre on hand at No		Hours							1 103		295 lb 975	s. "	
Coarr	Ciliali	mig (	on nand at No	ion								103		975		
P,M																
1	0 2	6 2	SE 1/2 E SE	NNE	2		30.16	75	77	75	76	bc	Cir Cum	8	s	All plane [plain] sail
2	2	4	u	NE	и		"	76	"	"	"	ш	u	7	"	and M.T.M.S.S.
3	3	0	и	NE by E	3		"	"	"	"	"	ш	u	4	"	и
4	4	4	и	ENE	ш		"	ш	ш	"	ш	ш	u	ш	u	и
5	4	4	u	"	и		30.18	"	76	74	"	u	u	5	u	и
6	5	4	и	u	и		30.20	"	"	"	75	ш	u	8	"	и
7	4	0	и	u	1-2	!	и	"	"	"	"	u	u	u	u	и
8	3	2	и	"	и		"	"	"	"	"	ш	u	и	"	и
9	4	0	ш	N	3		30.21	77	75	73	u	ш	u	"	u	All plane [plain] sail
10	4	2	и	u	и		30.22	и	и	44	74	ш	u	u	"	except courses and
11	3	0	u	u	0-1		u	и	ш	ш	u	es	Cum Nimb	u	"	spanker, gaff topsail.
Mid.	0	4	и	и	0		30.21	u	74	72	ш	ш	и	"	и	
Longit	ude b	y Ch	ronometer fro	m Afternoo	on Obse	rvations	•					0			и	
Longit	ude b	y Ch	ronometer Ob	servations	3				;	k		0	4		"	
Variati	ion of	the (	Compass by A	Amplitude			ob	served	at Suns	et		0	4		"	
Variati	ion of	the (	Compass by					at				0	6		ш	

, U. S. Navy.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant. Moderate breeze from N.E. fresh in squall. Bright moonlight. Banked fires in two boilers. Steam pressure 25 lbs Distilling.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy first hour, clear and pleasant latter part. Wind moderate from N. and E, dying away to very light breeze. At 7.30 set main topmast staysail. Barometer rising slowly.

(Signed) C. K. Curtis

Lieut.

From 8 to Merid. Clear and pleasant. Light N.N.E. breeze. Cir. Cum. clouds. At 9.30 Commanding Officer inspected ship and crew at quarters. Read articles for better government of the Navy. Read prayers and mustered crew. Fires banked in two boilers. Average steam 25 lbs. Distilling. Sighted a sail standing to S. and E.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N. and E. At 12.15 changed course to S.E. At 2, hauled fires in two boilers. At 2.15 set mainsail. At 3.10 took in main trysail.

(Signed) C. B. T. Moore

Ensign.

From 4 to 6 P.M. Clear and pleasant. Light breeze from E.N.E. Barometer rising.

(Signed) James K. Cogswell

Lieut.

From 6 to 8 P.M. Clear and pleasant. Light airs from E.N.E. Barometer steady.

(Signed) C. K. Curtis

Lieut.

From 8 to Midnight. Clear. Pleasant. Light airs from N. dying out towards end of watch. Cum. Nimb. clouds. Bright starlight. At 11.15 took in spanker, gaff topsail and main topmast stay sail. At 11.55 hauled up courses. By order of Commanding Officer John W. Grun (Lds) T. G. Roberts (1.C.B.) and John Millmore (O.S.2.C) stood four hours extra duty.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TE	MPERAT	URE.		State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	١	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		_															
í. 1	0	4	SE	N and E	0-1		30.22	74	74	73	74	ŀ	С	Cum	9	s	All plane[plain] sail
2			rage way	Calm	0		30.21	75	"	"	73			"	"	"	except course,
3	0	4	SE	"	0		"	"	ш	ш	"			Cir Cum	6	"	spanker & gaff topsail.
4	0	4	"	N	0-1		30.20	"	"	"	"		ı	Cum	9	"	"
5	0	6	u	ш	u		30.22	и	"	"	"			Cum Str	"	"	и
6	1	2	u	N and E	u		30.23	74	"	"	"	"	ı	u	"	"	Same with course
7	0	4	u	u	ш		30.22	ш	u	74	u			ш	7	"	and spanker.
8	0	2	u	ш	u		u	ш	u	u	"			Cir Cum	6	"	a
9	1	0	u	u	u		30.23	u	"	"	"		ı	и	44	"	и
10	0	4	u	u	u		и	u	"	"	"		ı	и	44	"	Same except courses
11	N	o ste	erage way				30.25	ш	76	75	74	"		Cum	7	"	и
Noon		"	ш	u	u		u	75	u	u	"	"		ш	8	"	и
Distan	ice ru	ın by	Log since pre	eceding Noon								47 kr	nots	6 fa	thoms.		
Latitud	de by	D. R	. at Noon									40	0	25 '	00	" N.	
Longit	ude l	by D.	R. at Noon									41	0	56 '	00	" W.	
Latitud	de by	Obs	ervations at N	Noon ⊙								39	0	53 '	30	" N.	
Longit	ude l	by Ch	ronometer fro	om Forenoon	Observat	ions (	⊙					42	0	04 '	00	" W.	
Currer	nt dui	ring t	he time	1 knot	s 2		fms. per h	our, se	tting to t	he :	S. by W						
Variati	ion o	f the	Compass by	Amplitude ⊙ o	observed	at Su	ınrise						0	ш		"	
Variati	ion o	f the	Compass by	Azimuth ⊙ ob	served at	8 A.I	M.					27	0	00 "	00	" W.	
		ended	d during the p	receding 24 h											230 gall		
Water					_	the p	receding :	24 hour	S							и	
				or me at Noor											2410		
				eceding 24 ho	ours											bs.	
Coal re	emai	ining	on hand at No	oon									103	" 2	220		
5.44																	
P,M		Nie	Ctoorogo W	lavi			20.22	74	76	76	74	ha		Cum		C	All plane[plain] and
1		INC	Steerage W	ay "	u		30.23	74 75	76 70	76	74 "	bc "	:	Cum "	8	S "	All plane[plain] sail
2		"	u	и	u		и	75 76	78 80	77 79	"	и		Cir Cum	6 7	ш	except courses and
4		"	u	u	u		"	"	81	80	и	"		Cum	"	u	gaff topsail.
5		"	u	ш	44		u	77	80	78	80	"		"	"	u	ш
6		"	и	и	u		u		79	"	77	"		u	"	u	и
7		"	u	и	u		30.26	ш	78	76	76	"		ш	9	u	и
8		"	u	ш	44		30.27	"	"	"	"	и		и	"	"	Œ
9		"	ш	ш	u		"	78	77	75	44	"		ш	"	u	и
10		"	ш	ш	"		30.29	"	"	"	"	"		ш	7	u	и
11		"	u	и	u		30.27	ш	u	"	"	"		и	5	u	ñ
Mid.		"	u	и	"		"	"	"	"	u	"		и	"	"	и
Longit	ude l	by Ch	ronometer fro	om Afternoon	Observat	ions	⊙						0			"	
_			ronometer O						*				0			"	
_			Compass by				ob	served	at Sunse				0			"	
			Compass by					at					0			"	
			. ,														

Commences and until 4 A.M. Clear. Cool. Calm and light airs from N. and E. Heavy dew. Bright moonlight.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Clear and pleasant. Light airs from N. and E. A bark in sight on port quarter. Long swell from N. and E. At 5 set course and spanker.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light airs from N. and E. first part, last part calm. At 9.30 inspected at quarters. Exercised at general quarters. Barometer rising slowly.

(Signed) C. K. Curtis Lieut.

From Merid. to 4 P.M. Clear. Warm. Calm. Cumulus clouds. At 12.30 hauled down main topmast staysail. Two sail in sight at end of watch.

(Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Clear. Warm. Calm. No steerage way. Barometer steady.

(Signed) C. B. T. Moore Ensign.

From 6 to 8 P.M. Clear and pleasant. No steerage way. Barometer rising.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant. Calm up to last half hour. At 11.30 light breeze sprung up from S. and E. Wore ship to N. and E, set spanker.

(Signed) C. K. Curtis Lieut.

(Signed) Asa Walker, Lieut. Navigator.

Amount
A,M  1 1 4 8 834 N SSE 1 30.27 78 76 76 74 74 bc Cum 9 S All plane [plain] sail 2 1 0 Eby N 1
A,M  1 1 4 8 834 N SSE 1 30.27 78 76 76 74 74 bc Cum 9 S All plane [plain] sail 2 1 0 Eby N 1
1
2
3
None   Fine
Same with M.T.M.S.S.
Complete the Compass by Amplitude O observed at Sunrise   Complete the Compass by Amplitude O observed at Sunrise   Complete the Compass by Amplitude O observed at Sunrise   Complete the Compass by Amplitude O observed at Sunrise   Complete the Compass by Amplitude O observed at Sunrise   Complete the Compass by Amplitude D observed at Sunrise   Complete the Compass by Amplitude D observed at Sunrise   Complete the Compass by Azimuth O observed at Sunrise   Complete the C
None
Second
10
11 0 4 E by N SSE " " 777 " " " " " " " " " " " " " " "
11
Distance run by Log since preceding Noon   10 knots   10 knots   10 knots   6 fathoms.
Distance run by Log since preceding Noon  10 knots  40 ° 00 ' 00 " N.  Latitude by D. R. at Noon  Latitude by D. R. at Noon  41 ° 53 ' 00 " W.  Latitude by Observations at Noon ©  40 ° 01 ' 40 " N.  Longitude by Chronometer from Forenoon Observations ©  41 ° 24 ' 15 "W.  Current during the time 1 knots fms. per hour, setting to the E.  Variation of the Compass by Amplitude © observed at Sunrise  Variation of the Compass by Azimuth © observed at 8 A.M.  Water expended during the preceding 24 hours  Water funding the me at Noon  10 knots  40 ° 00 ' 00 " W.  24 ' 15 "W.  25 " " "  28 9 30 " 00 " W.  230 gallons.  Water remaining on hand fit for me at Noon  2180 "
Latitude by D. R. at Noon  Longitude by D. R. at Noon  Latitude by Observations at Noon ©  Longitude by Observations at Noon ©  Longitude by Chronometer from Forenoon Observations ©  Longitude by Chronometer from Forenoon Observations ©  Current during the time 1 knots fms. per hour, setting to the E.  Variation of the Compass by Amplitude © observed at Sunrise  Variation of the Compass by Azimuth © observed at 8 A.M.  Water expended during the preceding 24 hours  Water during the preceding 24 hours  Water remaining on hand fit for me at Noon  40 ° 001 ' 40 "N.  40 ° 011 ' 40 "N.  40 ° 15 "W.  21 ° 15 "W.  23 ° 30 " 00 "W.  23 9 30 " 00 "W.  230 gallors.  41 ° 24 ° 180 "
Latitude by D. R. at Noon  Longitude by D. R. at Noon  Latitude by Observations at Noon ©  Longitude by Observations at Noon ©  Longitude by Chronometer from Forenoon Observations ©  Longitude by Chronometer from Forenoon Observations ©  Current during the time 1 knots fms. per hour, setting to the E.  Variation of the Compass by Amplitude © observed at Sunrise  Variation of the Compass by Azimuth © observed at 8 A.M.  Water expended during the preceding 24 hours  Water during the preceding 24 hours  Water remaining on hand fit for me at Noon  40 ° 001 ' 40 "N.  40 ° 011 ' 40 "N.  40 ° 15 "W.  21 ° 15 "W.  23 ° 30 " 00 "W.  23 9 30 " 00 "W.  230 gallors.  41 ° 24 ° 180 "
Longitude by D. R. at Noon  Latitude by Observations at Noon ©  Longitude by Chronometer from Forenoon Observations ©  40 ° 01 ' 40 "N.  41 ° 24 ' 15 "W.  Warrent during the time 1 knots fms. per hour, setting to the E.  Variation of the Compass by Amplitude © observed at Sunrise  Variation of the Compass by Azimuth © observed at 8 A.M.  23 ° 30 " 00 "W.  Water expended during the preceding 24 hours  Water during the preceding 24 hours  Water remaining on hand fit for me at Noon  41 ° 24 ' 15 "W.  24 ' 15 "W.  25 " " "  28 9 30 " 00 "W.  2180 "
Latitude by Observations at Noon © 40 ° 01 ' 40 "N.  Longitude by Chronometer from Forenoon Observations © 41 ° 24 ' 15 "W.  Current during the time 1 knots fms. per hour, setting to the E.  Variation of the Compass by Amplitude © observed at Sunrise ° " " "  Variation of the Compass by Azimuth © observed at 8 A.M. 23 ° 30 " 00 "W.  Water expended during the preceding 24 hours 230 gallons.  Water during the preceding 24 hours 230 gallons.
Longitude by Chronometer from Forenoon Observations © 41 ° 24 ' 15 "W.  Current during the time 1 knots fms. per hour, setting to the E.  Variation of the Compass by Amplitude O observed at Sunrise ° " " "  Variation of the Compass by Azimuth O observed at 8 A.M. 23 ° 30 " 00 "W.  Water expended during the preceding 24 hours 230 gallons.  Water during the preceding 24 hours " "  Water remaining on hand fit for me at Noon 2180 "
Current during the time 1 knots fms. per hour, setting to the E.  Variation of the Compass by Amplitude O observed at 8 A.M.  Variation of the Compass by Azimuth O observed at 8 A.M.  Variation of the Compass by Azimuth O observed at 8 A.M.  Variation of the Compass by Azimuth O observed at 8 A.M.  Variation of the Compass by Azimuth O observed at 8 A.M.  Variation of the Compass by Azimuth O observed at 8 A.M.  Variation of the Compass by Azimuth O observed at 8 A.M.  Variation of the Compass by Azimuth O observed at 8 A.M.  23 ° 30 " 00 "W.  230 gallons.  Water during the preceding 24 hours "  Water remaining on hand fit for me at Noon 12180"
Variation of the Compass by Amplitude O observed at Sunrise  Variation of the Compass by Azimuth O observed at 8 A.M.  Water expended during the preceding 24 hours  Water during the preceding 24 hours  Water remaining on hand fit for me at Noon  O  "  230 gallons.  "  Water 1880 fr
Variation of the Compass by Azimuth © observed at 8 A.M.  Variation of the Compass by Azimuth © observed at 8 A.M.  Vater expended during the preceding 24 hours  Vater  during the preceding 24 hours  Water remaining on hand fit for me at Noon  23 ° 30 " 00 "W.  230 gallons.  "  Vater #  Vater #  Vater   180 "
Water expended during the preceding 24 hours  Water during the preceding 24 hours  Water remaining on hand fit for me at Noon  230 gallons.  #  Water 1
Water during the preceding 24 hours " Water remaining on hand fit for me at Noon 2180 "
Water remaining on hand fit for me at Noon 2180 "
•
Coal remaining on hand at Noon 102 " 2185 "
P,M
1 1 0 E by N
2 1 0 " " " " 80 " " " Cum " " "
3 1 0 ENE 1/2 E " " 30.30 " 78 " " " " " " " "
4 1 0 ENE " " " " " " " " " " " " " " " " " "
5 0 6 E 1/2 N " " 30.31 " 77 76 75 " " " " "
6 E by N " " " 76 " " " " " " " " " " " " " " "
/ U 4 ENE 1/2 E / 13
30.33 70
9 1 0 E by N " " 30.35 " " 74 74 " " " " " " " " " " " " " " "
11 1 0 " " " 30.36 78 " 73 " " " " " "
Mid. 0 6 " " " " " " " " " " " " " " " " " "
Longitude by Chronometer from Afternoon Observations ⊙ ° "
Longitude by Chronometer Observations * " "
Variation of the Compass by Amplitude observed at Sunset
Variation of the Compass by at " "

Commences and until 4 A.M. Clear. Pleasant. Cir. Cum. clouds. Light airs from S. and E. Moon rose at 1.22. By order of Commanding Officer, Cornelius Robinson (Lds) stood four hours extra watch. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Light airs from S. and E. Exchanged colors with an Italian bark found to N. and E. At 7.40 set courses and main topmast stay sail.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Clear and warm. Light airs from S. and E. Italian bark on port beam. At 9.15 inspected and instructed crew at quarters. Exchanged signals, Commercial Code, with Italian bark bound to Gibraltar.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light airs from S. and E. Barometer falling slowly. Two sail in sight at end of watch.

(Signed) C. K. Curtis Lieut.

From 4 to 6 P.M. Clear. Warm. Light airs from S. and E. Sighted standing to N. and E. Several sail in sight at end of watch. Italian barque on port bow. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Clear and pleasant. Light airs from S. and E. Barometer rising.

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from S. and E. Barometer steady. Bright starlight.

(Signed) James K. Cogswell. Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

					WINDS	-		BAROME	TER.	TE	MPERATI	JRE.	State of	Forms of		State	
Hour		knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		¥	Œ									•	÷		200		
1		1	0	E 1/2 S	S	0-1		30.33	78	76	74	74	bc	Cum	7	s	All plane [plain] sail
2				age way	Calm	0		"	"	"	"	"	"	"		"	and main top-
3				"	u	u		u	ш	"	u	"	u	"	u	"	mast stay sail.
4	,			u	u	"		30.34	u	"	75	"	u	"	8	"	и
5	,			"	и	u		30.35	ш	"	u	"	ш	u	u	u	и
6	•	**		ш	и	u		30.36	ш	"	u	"	u	ш	9	u	и
7	•			"	u	u		30.37	u	44	44	"	u	Cir Cum	u	"	и
8	•	**		"	и	u		u	и	"	76	"	u	"	8	u	и
9		0	6	NE by E 1/2 E	S and E	0-1		"	u	"	"	"	ш	u	u	"	и
10		1	0	ENE 1/2 E	u	"		30.28	u	78	78	"	u	"	u	"	и
11		0	4	ENE	и	u		ш	u	79	"	"	ш	u	u	"	и
Noon		0	4	"	u	u		u	ш	80	u	76	u	"	u	"	и
Distan	nce	rur	ı by L	og since pre	ceding Noon							1	13 knots	4	fathoms.		
Latitud	de	by [	D. R.	at Noon									40 °	09 '	00	" N.	
_				R. at Noon									41 °	10 '	00	" W.	
				rvations at N									40 °	25 '	00	" N.	
_				onometer fro									41 °	10 '	00	" W.	
Currer			-		0 knot			ns. per h	our, se	tting to t	he N	٧.	0	ш		u	
				Compass by A											00		
				compass by A			At 8 A	IVI.					24 °	00 "	00	" W.	
Water		tper	ided	during the pr	eceaing 24 n		he pre	eceding :	24 hour						230 gall	JIIS.	
		mai	nina	on hand fit fo	r me at Noor	_	ne pre	eceuing .	24 HOUI	5					1950	"	
			-	during the pre										tons		bs.	
				n hand at No									102		1910	u u	
			J														
P,M																	
1	-	No :	Stee	rage Way	Calm	0		30.36	78	80	78	78	bc	Cir Cum	7	S	All plane sail
2			"	ш	u	u		u	и	"	u	u	и	"	u	"	with M.T.M.S.S.
3			ш	"	44	"		ш	u	79	"	44	и	u	и	"	and gaff topsail.
4			"	ш	ш	u		"	и	"	u	"	и	"	"	"	и
5			"	u	u	ш		30.37	u		77 "	u	ш	u		"	а
6										78					5		
7						"				"	70			Cum Nim	0 "		u
8				_	S and			30.39			76				4		
9		0	4	E	E	0-1		30.40	-	77	"	-	bcp	-	3	"	-
10		1	0	ne by e 1/2 e	ш	0-2		30.39	и	u	44	"	ш	u	4	u	a
11	(	0	6	ene 1/4 e	u	0-1		30.38	u	u	75	"	bc	u	6	ш	и
Mid.		0	6	E by N	и	ш		30.37	и	u	44	"	ш	u	"	u	α
													0				
_				onometer fro		Observati	ons ⊙	1					0			"	
_				onometer Ob						*				•		u	
				compass by A	Amplitude			ob		at Sunse	et		0	•		u	
Variati	ion	of	the C	compass by					at				0	•		"	

Commences and until 4 A.M. Clear and pleasant, light airs from S. Calm during last three hours. Barometer steady. Moon rose at 3.00.

(Signed) C. K. Curtis Lieut.

From 4 to 8 A.M. Clear. Warm. Calm. Light airs springing up from S. and E. at end of watch. Cir.Cum. clouds. At 7.40 clewed up main topmast stay sail and set up stay, reset the sail. Several sail in sight at end of watch.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and warm. Light airs from S. and E. At 9.15 inspected at quarters. Exercised companies at infantry. Exchanged colors with an Austrian brigantine bound from Martinique to Havre. Three sail in sight at end of watch.

(Signed) C. B. T. Moore Ensign.

From Merid. to 4 P.M. Clear and warm. Calm. Three sail in sight at end of watch. Barometer steady.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear and pleasant. Calm. Barometer steady. Two sail in sight at end of watch.

(Signed) C. K. Curtis
Lieut.

From 6 to 8 P.M. Cloudy, partially clear. Cum. Nimb. clouds. Light sprinkling of rain. Light variable airs. At 6.20 taken aback, tacked ship, hauled up courses. At 6.40 taken aback, braced around. Several sail in sight at dusk.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Cloudy, with passing shower first two hours. Pleasant remainder of watch. Light airs from S. and E. Barometer falling slowly.

(Signed) C. B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	ВА	ROMETER.		TE	MPERATI	JRE.	Stor	te of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Heig in inche	att	ľd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	th Wea	he ather by	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	_															
1	1	0	ESE 1/2	SSW	1	30.3	6 7	7	76	73	75	bc		Cum	8	s	All plane [plain] sail
2	1	0	E SE by E	"		"	"			"	"	"		"	"	"	with main topmast
3	1	0	SE 1/2 E	u	u	u	u		u	"	"	"		u	9	u	stay sail and gaff
4	1	0	SE	и	"	u	"		u	"	"	"		и	"	"	topsail.
5	0	4	u	S and E	0-1	u	ш		77	ш	u	и		u	u	"	u
6	1	0	u	и	u	30.3	3 7	5	44	74	u	"		и	"	u	и
7	1	0	44	и	u	u	и		u	"	76	"		и	"	"	и
8	1	0	u	u	"	ш	"		78	"	"	"		и	"	"	и
9	1	2	u	u	1	ш	78	В	44	"	"	"		и	"	"	и
10	1	6	44	и	u	u	и		"	76	"	и		"	"	"	ш
11	2	4	u	и	2	30.3			79	"	u	"		и	"	"	и
Noon	2	4	"	u	"	30.3	1 79	9	ш	44	77	и		u	и	"	ii.
Dietan	ca ru	n hv	I og since nre	eceding Noon								18 knot	te	4	fathoms.		
			. at Noon	ccuing 1400m								40	0	22 '	00	" N.	
			R. at Noon									40	0	48 '	00	" W.	
			ervations at N	loon ⊙								40	0	23 '	30	" N.	
				om Forenoon	Observat	ions ⊙						40	0	54 '	00	" W.	
Currer	nt dur	ing th	ne time	knot	s	fms. p	er hour	, settir	ng to t	he							
Variati	on of	f the (	Compass by A	Amplitude ⊙	observed	at Sunrise	8 A.M.					24	0	30 "	00	" W.	
Variati	on of	f the (	Compass by A	Azimuth ⊙ ob	served at								0	ш		"	
Water	expe	ended	I during the p	receding 24 h	iours										230 gall	ons.	
Water					during	the preced	ing 24 h	ours								u	
Water	rema	aining	on hand fit fo	or me at Nooi	ı										1720	"	
			-	eceding 24 ho	ours									tons		bs.	
Coal re	emaiı	ning (	on hand at No	oon								1	102	"	1685	и	
P,M																	
1	3	0	SE	SW	2	30.3	0 7	6	79	76	77	bc		Cum	8	S	All plane sail and
2	3	6	u	ш	"	30.2	9 "		ш	"	ш	"		"	"	"	main topmast stay
3	4	4	ш	SW by	3	30.2	8 "		"	"	u	"		"	9	"	sail
4	5	0	ш	W WSW	u	30.2	7 "		78	"	"	"		ш	8	"	Same with gaff topsail
5	5	0	44	u	"	30.2			ш	"	ш	"		u	9	"	u.
6	5	0	"	W	2	u	и		"	"	76	"		ш	u	u	и
7	4	4	u	и	1-2	u	7	7	"	75	u	"		u	7	"	и
8	3	4	ш	ш	u	30.2	6 "		ш	u	и	"		"	5	u	Œ
9	4	0	ш	ш	2	u	и		77	"	u	"		Cum Nimb	4	"	и
10	4	2	44	ш	3	30.2	5 "		"	и	u	44		u	u	u	и
11	5	2	u	ш	ш	30.2	4 "		ш	"	u	"		ш	8	"	u
Mid.	6	0	и	и	4	30.2	2 "		"	"	75	"		и	"	u	a
													0			_	
-		•		om Afternoon	Observat	ions ⊙							0	•		"	
_			ronometer O						*				0				
			Compass by	Amplitude			observ		Sunse	et			0				
variati	on of	tne (	Compass by					at					-			-	

Commences and until 4 A.M. Clear and pleasant. Light airs from S. and W. Bright starlight. Barometer steady.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Light airs from S. and W. Barometer falling slowly.

(Signed) C. K. Curtis

Lieut.

From 8 to Merid. Clear. Warm. Light breeze from S. and W. Cumulus clouds. At 9.15 inspected crew at quarters and exercised 1<sup>st</sup> and 2<sup>nd</sup> Divisions at single ships and apprentice boy's at signals. Instructed apprentice boys in seamanship. Several sail in sight at end of watch.

(Signed) Samuel C. Lemly

Ensign.

From Merid. to 4 P.M. Clear. Warm. Light breeze from S. and W. Barometer falling slowly. Ship in sight standing to E.S.E.

(Signed) C. B. T. Moore

Ensign.

From 4 to 6 P.M. Clear and pleasant. Gentle breeze from S. and W. Several sail in sight. Barometer steady.

(Signed) James K. Cogswell

Lieut.

From 6 to 8 P.M. Clear and pleasant. Light breeze from W. Barometer rising slowly. At 6.15 mustered crew at quarters.

(Signed) C. K. Curtis

Lieut.

From 8 to Midnight. Cloudy, with passing showers first part of watch, clear and pleasant latter part. Light breeze, increasing to moderate breeze, from W. towards end of watch.

(Signed) Samuel C. Lemly

Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	S.	В	AROMET	ER.	TE	MPERAT	URE.	St	ate of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.		ight n nes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	W	the eather by mbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	¥	Œ									•				E 07		
1	6	0	SE	W	4	30.	.20	76	74	73	75	bo		Cum	5	S	All plane sail and
2	6	4	er	u	u	30.	.19	"	"	ш	"	"		Nimb "	7	u	main top mast stay
3	7	0	er	WSW	u		.17	"	"	ш	"	"		u	9	u	sail.
4	6	6	ш	u	"	"		"	"	ш	"	"		u	8	"	и
5	5	0	ш	W	"	"		"	"	74	"	"		Cum	"	"	и
6	5	4	ш	u	"	30.	.14	"	"	ш	76	"		u	"	"	и
7	6	0	u	и	5	"		"	77	"	"	"		и	9	"	ш
8	6	6	u	и	"	30.	.12	"	"	"	"	"		и	8	"	ш
9	7	4	ш	u	4.5		.14	"	"	76	"	"		u	7	"	Same with gaff
10	7	0	u	и	4		.15	"	78	"	"	"		и	8	"	topsail.
11	6	4	ш	u	"	30.		"	"	ш	"	"		u	"	"	и
Noon	4	4	и	u	3-4		.13	77	79	"	"	и		u	u	"	ш
	•				٠.			•									
			-	eceding Noon							1	28 kr	ots		fathoms.		
			at Noon									39	0	34 '	20	" N.	
			R. at Noon									38	0	19	00	" W.	
			ervations at N									39	0	43	21	" N.	
•		•		om Forenoon								30	Ü	20 '	30	" W.	
		-	ne time	0 knot				our, se	tting to t	the I	N.		0			44	
				Amplitude ⊙			Э						0				
				Azimuth ⊙ ob		8 A.M.						24		40 '	00	" W.	
	expe	ended	during the p	receding 24 h											230 gal	lons.	
Water					_	the prece	ding 2	4 hour	S								
				or me at Noor											1490		
				eceding 24 ho	ours									tons		lbs.	
Coal re	emaır	ning o	on hand at No	oon									102		1360		
P,M 1	6	6	SE	W	3-4	30.	11	77	79	76	74	bc		Cir Cum	8	S	All plane sail
2	7	0	"	"	"		.09	"	"	"	"	"		"	"	"	and main topmast
3	7	0	ш	ш	"	30.		u	44	"	44	"		u	7	и	stay sail.
4	7	6	и	"	3-5	"		"	"	"	"	"		"	"	u	u
5	7	6	и	"	5	30.	07	"	"	74	"	"		"	5	u	и
6	8	2	и	"	"	"		"	78	"	"	"		"	4	u	и
7	8	2	ш	"	ш	"		"	"	"	"	"		Cum	5	и	Same except royal
8	8	0	ш	"	ш	30.	.06	"	"	"	"	"		u	9		u.
9	8	1	ш	S and	ш	30.		"	76	73	"	u		u	"	и	и
		4	,,	W		30. "	.07	4	"	13							
10	8	4			"		00	"				"					и
11	8	0			"		.06		75 "								и
Mid.	8	4	-	<del>.</del>	-	30.	.05	-	-	-		-		-	"		-
Longit	ude b	y Ch	ronometer fro	om Afternoon	Observat	ions							0	4		"	
Longit	ude b	y Ch	ronometer O	bservations					*	k			0		4	u	
Variati	on of	the (	Compass by A	Amplitude			obs	erved a	at Suns	et			0		4	u	
Variati	on of	the (	Compass by					at					0		4	u	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool. Moderate breeze from W. shifting to S. Barometer falling.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Clear and pleasant. Moderate breeze from W. Six sail in sight at end of watch. Barometer falling slowly.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from W, increasing. Barometer falling slowly. Ship under all plane [plain] sail. At 9.15 exercised at fire quarters.

(Signed) C. K. Curtis Lieut.

From Merid. to 4 P.M. Clear. Warm. Moderate W. breeze. Cir. Cum. clouds. Quarterly Board of Survey condemned 25 gallons of vinegar lost by leakage.

(Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Cloudy, cool. Fresh W. breeze. Barometer steady.

(Signed) C. B. T. Moore Ensign.

From 6 to 8 P.M. Clear and pleasant. Fresh breeze from W. Took in royals and hauled down flying jib. Barometer falling slowly.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant. Moderate breeze from S. and W. Barometer falling slowly. All plane [plain] sail to topgallant sails. At 9.30 took in gaff topsail.

(Signed) Clinton K. Curtis Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.	BAF	ROMETER.	Т	EMPERAT	URE.	01-1	5		01-1-	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Heigh in inches	att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
т А,М	¥	ů.									٠		± 0		
1	9	0	SE	S and W	5	30.0	4 77	75	74	74	bc	Cum	8	S	All plane[plain] sail
2	9	2	и	u	"	30.0	2 76	u	73	ш	ш	Nimb "	6	М	except royals, flying
3	9	4	и	ш	u	"		"	"	"	u	ш	"	"	jib, spanker and
4	9	4	u	er	u	30.0	0 "	"	"	u	u	44	8	"	gaff topsail.
5	9	2	u	и	6	u	"	u	"	u	u	u	5	"	u.
6	8	4	и	u	5	30.0	1 75	"	74	73	и	"	4	"	и
7	8	4	u	es	"	"	"	u	"	u	u	"	"	"	а
8	8	2	и	u	6	30.0	0 "	"	"	"	u	u	3	"	и
9	8	4	и	ш	u	u	"	"	u	u	и	Cir Cum	2	R	All plane sail
10	8	4	"	ш	"	"	"	u	"	74	ш	ш	1	"	with M.T.M.S.S.
11	9	2	u	ш	"	29.9	9 74	u	"	u	u	ш	5	"	и
Noon	6	2	"	ш	u	u	и	76	u	ш	u	ш	u	u	и
Distan	nce ru	ın by	Log since p	receding Noon						19	98 knots		fathoms.		
			. at Noon								38 °	28 '	33	" N.	
_			R. at Noon								34 °	24 '	30	" W.	
			ervations at								38 °	30 '	50	" N.	
				rom Forenoon							33 °	57 '	00	" W.	
		-	ne time	knot			er hour, s	etting to	the	Ε.	0	и		"	
				/ Amplitude ⊙								10 "	00	" W.	
				/ Azimuth ⊙ ob preceding 24 h		O A.IVI.					24 °	10			
Water		iluec	a during the	preceding 24 ii		the precedi	na 24 hoi	ire					230 gallo	# "	
		aining	on hand fit	for me at Nooi	_	ine precedi	11g 24 110	ui S					1260	"	
				receding 24 ho								tons		os.	
			on hand at N								102		1035	"	
P,M				S and								Cir Cum			
1	9	0	SE	W	5	29.9		76	74	74	bc	Nimb	4	М	Same except flying
2	9	0	u	и	и		и	75 "	"	"	и		2	"	jib. "
3	9	0					"		"	"	u	Cum Nim	b 1	u	и
4	9	0	ш		"			u	73	u					
5	9	0	u	WSW "	6	29.9	8 "		"	"	oqr "	"	0		All plane sail to
6	8	2						74		"				"	topgallant sails,
7	5 4	0	u	NW "	4 3	30.0		70	72 "	u	op "	u	"	"	except spanker and
8 9	3	6	и	NNW	ى "	30.0 30.0		73	"	"		Cum	9	u	gaff topsail.
	3	0	и	"	2	30.0	ى "	"	"	"	bc "	"	9	"	single reefed topsail topgallant sails from
10 11	ა 1	6	ш	и	<u> </u>	30.0	2 "	74	44	"	ш	ш	и	s	jib and F.T.M.S.S.
Mid.	1	4	и	WSW	ш	30.0		"	"	"	bcp	u	8	"	u
···········	·	•				00.0	-						3		
Longit	ude t	oy Ch	ronometer f	rom Afternoon	Observat	ions ⊙					0			ш	
Longit	ude b	by Ch	ronometer (	Observations					*		0	4		"	
Variat	ion of	f the	Compass by	/ Amplitude			observe	d at Suns	set		0	4		"	
Variat	ion of	f the	Compass by	/			a				0	•		"	

Commences and until 4 A.M. Partially cloudy. Strong wind from S. and W. Cum. Nimb. clouds. At 2 took in spanker to ease the helm. At 2.45 in main topmast stay sail.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Cloudy, cool. Strong breeze from S. and W.

(Signed) C. B. T. Moore Ensign.

From 8 to Merid. Cloudy and pleasant. Strong breeze from S. and W. At 9.15 set royals and flying jib. Barometer falling slowly. At 12, took in flying jib. Sea rough, swell setting to E. Ship steady. Heel of ship 6°.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy and cool. Fresh breeze from S. and W. Barometer steady.

(Signed) Clinton K. Curtis
Lieut.

From 4 to 6 P.M. Overcast, rainy, squally. Fresh breeze from W.S.W. At 4.30 took in and furled royals.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Overcast, with passing showers. At 6 took single reef in topsails, and hauled down main topmast staysail. Barometer rising.

(Signed) C. B. T. Moore Ensign.

From 8 to Midnight. Clear and pleasant. Light breeze from N. and W. shifting to S. At 10.25 a remarkably bright.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	s.	BAROM	ETER.	TI	EMPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	~	Œ								•	•		Ε.07		
1	1	0	SE	S and W	0-1	30.00	76	74	73	72	bc	Cum	0	s	Single reefed topsail
2	1	0	"	u	"	ш	"	"	"	"	0	Nimb "	"	"	T.G. sails, M. sail,
3	1	0	u	ш	u	ш	"	"	"	"	"	ш	"	"	F.T.M.S.S. jib.
4	1	0	ш	и	"	u	"	"	"	"	"	u	"	"	и
5			rage way	Calm	0	u	"	"	"	73	or	Nimb	"	"	и
6	1	0	SE	NE	0-1	30.02	"	"	"	"	0	"	"	"	а
7	0	4	"	ш	0-1	ш	"	"	"	"	bc	ш	"	"	и
8	No	stee	erage way	Calm	0	u	74	73	"	"	0	Cum Nimb	"	"	а
9	"		u	NE	0-1	30.03	"	"	"	"	u	"	u	"	All plane[plain] sail
10	"		"	"	u	30.04	"	"	"	"	u	"	"	"	and M.T.M.S.S.
11	"		ш	ш	"	30.05	"	"	"	"	"	u	"	"	и
Noon	0	6	SE	ш	2	и	73	"	u	72	"	ш	ш	"	и
Distan	ce ru	ın by l	Log since p	receding Noon							78 knots	6	fathoms.		
Latitud	le by	D. R.	at Noon								38 °	00 '	40	" N.	
Longitu	ude b	oy D.	R. at Noon								32 °	24 '	00	" W.	
Latitud	le by	Obse	ervations at	Noon ⊙							0			"	
Longitu	ude b	y Ch	ronometer f	rom Forenoon	Observat	ions ⊙					32 °	11 '	00	" W.	
Curren	t dur	ring th	ne time	knot	s	fms. per	hour, se	etting to	the						
Variati	on of	f the (	Compass by	/ Amplitude ⊙	observed	at Sunrise					0	и		"	
Variati	on of	f the (	Compass by	/ Azimuth ⊙ ob	served at	8 A.M.					23 °	40 "	00	" W.	
	expe	ended	during the	preceding 24 h	ours								230 gallo		
Water					_	the preceding	24 hou	rs						ш	
		-		for me at Noor									1030	и	
				receding 24 ho	ours						400	tons "		os.	
Coaire	emaii	ning c	on hand at N	Noon							102		810		
5.44															
P,M 1	2	2	SE	NE	2	30.03	74	73	72	73	0	Cum Nim	b 0	s	Same
2	3	6	ш	NNE	3	30.04	"	"	"	74	ш	u	"	"	и
3	5	0	u	и	u	30.05	"	"	u	"	u	ш	u	"	и
4	5	2	u	N by E	4	30.06	"	"	"	"	bc	u	1	"	и
5	5	4	u	N	3-4	и	73	72	72	"	u	Cir Cum	2	"	и
6	5	4	ш	и	и	u	"	"	"	"	ш	u	4	"	u
7	5	4	u	и	3	30.09	"	44	71	73	ш	ш	6	"	и
8	5	6	u	и	и	30.11	"	44	"	44	и	ш	5	"	и
9	5	4	ш	и	и	30.13	"	"	u	"	44	ш	6	"	и
10	5	4	u	u	"	30.12	"	"		u v	u	u	7	"	
11 M:d	6	0			4	200.44		74	70				8		и
Mid.	6	0				30.11		71	69	71			-	-	
Longitu	ude b	oy Ch	ronometer f	rom Afternoon	Observat	ions ⊙					0			и	
Longitu	ude b	y Ch	ronometer (	Observations				:	*		o			и	
Variati	on of	f the (	Compass by	/ Amplitude		ot	served	at Suns	et		0	4		"	
Variati	on of	f the (	Compass by	′			at				0			u	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy. Calm and light airs from S. and W. Barometer steady.

(Signed) Clinton K. Curtis Lieut.

From 4 to 8 A.M. Overcast, rainy first part. At 5.20 light breeze sprung up from N.E. braced around. Calm latter part of watch. At 7 hauled up foresail. Barometer steady.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Overcast, cool. Light airs from N.E. At 9.30 inspected at quarters, afterwards called all hands to muster and Commanding Officer read prayers. At 11.30 set royals, flying jib and main top mast staysail.

(Signed) Charles B. T. Moore Ensign.

From Merid. to 4 P.M. Cloudy and pleasant. Light breeze from N. and E. Barometer rising slowly.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Cloudy and pleasant. Light breeze from N. Barometer steady.

(Signed) Clinton K. Curtis Lieut.

From 6 to 8 P.M. Partially clear. Light N[orther]ly breeze. Cir. Cum. clouds. New moon, set at 7.30.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear, cool. Moderate breeze from N.

(Signed) Charles B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.	BARON	IETER.	TE	MPERAT	URE.	04-44	Farmer of		01-1-	
		ń	Courses steered.	Direction.	Force.	S Height	Ther.	Air	Air	Water	State of the Weather	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the	Record of the sail the vessel is
Hour	knots	Fathoms.				Height in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface	by symbols		Prop. o Sky, in	Sea.	under at end of watch.
A,M	_	_								•	•				
1	5	4	SE	N	3	30.11	73	70	67	72	bc	Cum	9	s	All plane[plain] sail
2	6	0	ű.	u u	4	"	"	"	"	"	ű.	"	"	"	and main topmast
3	5	4	и	ш	"	30.10	"	"	68	"	ш	u	u	"	stay sail.
4	5	4	и	ш	u	"	"	"	"	"	u	u	u	u	u
5	6	0	и	N	u	u	"	"	"	"	u	u	6	"	Same with close
6	5	4	и	ш	3-4	30.14	"	"	69	"	u	u	3	"	reefed main sail.
7	6	0	и	ш	u	30.15	"	72	u	44	ш	u	5	"	es .
8	6	0	и	"	u	u	"	"	"	"	u	u	u	"	ш
9	6	0	и	u	u	u	72	"	и	73	u	Cir Cum	6	"	и
10	6	0	и	"	u	u	71	73	"	"	ш	u	7	"	es .
11	5	4	и	ш	u	u	"	"	70	"	u	u	8	ш	и
Noon	3	6	и	ш	3	u	u	"	"	"	u	u	u	ш	a
Distan	ce ru	n bv l	Log since pre	ceding Noon						1:	29 knots	4 f	athoms.		
			at Noon	g							37 °	11 '	00	" N.	
			R. at Noon								29 °	40 '	00	" W.	
Latitud	le by	Obse	rvations at N	oon ⊙							36 °	53 '	38	" N.	
Longit	ude b	y Ch	ronometer fro	m Forenoon	Observati	ons ⊙					29 °	42 '	15	" W.	
Currer	nt dur	ing th	e time	knot	s	fms. per	hour, se	etting to	the						
Variati	on of	the C	Compass by A	Amplitude ⊙	bserved	at Sunrise					0	ш		"	
Variati	on of	the C	Compass by A	Azimuth ⊙ ob	served at	8 A.M.					25 °	40 "	00	" W.	
Water	expe	nded	during the pr	eceding 24 h	ours								230 gallo		
Water					during	the preceding	24 hou	rs						"	
		-		or me at Noor									800	ш	
				eceding 24 ho	ours						1			os.	
Coair	emaır	ning c	on hand at No	oon							100	- 1	655	_	
P,M															
1	5	4	SE 1/2 E	NE by	3	30.16	71	73	70	73	bc	Cir Cum	7	s	Same
2	5	0	и	N NE	"	u	"	"	"	74	и	ш	6	"	и
3	4	4	и	"	"	u	"	"	"	"	ш	u	7	"	и
4	4	6	и	и	u	30.15	"	"	"	ш	и	u	9	u	и
5	4	4	и	ш	"	30.17	"	72	"	"	ш	u	"	"	и
6	5	0	и	44	u	u	70	71	69	u	и	u	"	L	и
7	5	0	и	N and	"	u	73	"	68	"	"	u	8	u	а
8	5	0	и	E "	"	u	"	"	"	"	и	Cum	u	"	и
9	4	6	и	ш	u	u	u	"	"	ш	ш	u	u	u	и
10	4	6	и	u	"	u	"	"	"	"	"	u	u	u	а
11	5	0	u	и	"	"	"	и	"	u	и	u	"	"	as
Mid.	4	4	u	44	"	u	"	и	"	u	ш	ш	6	u	as .
Longit	ude b	y Ch	ronometer fro	m Afternoon	Observat	ions ⊙					0	4		u	
			ronometer Ob					*			0			u	
			Compass by A	Amplitude		ol	served	at Suns	et		0	•		"	
Variati	on of	the C	Compass by				at				0	•		"	

Commences and until 4 A.M. Clear and pleasant. Moderate breeze from N. Barometer steady.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 A.M. Clear and pleasant. Moderate breeze from N. Barometer rising. At 6 started fires in two boilers. Nos. 5 and 7. Took second reef in main sail.

(Signed) Clinton K. Curtis Lieut.

From 8 to Merid. Clear. Pleasant. Light N[orther]ly breeze. Cir. Cum. clouds. At 9 started distiller. At 9.15 exercised at General Quarters, time as follows. Cast loose. Nav. Div, 1 m. Eng. Div, 1 m. 15 s. 2<sup>nd</sup> Div, 4 m. Surgeons Div, 5 m. Powder Div, 6 m. 30 s. 1<sup>st</sup> Div, 8 m. 20 s. Secure. Eng. Div, 2 m. 15 s. Nav. Div, 3 m. 10 s. Powder Div, 3 m. 35 s. Surgeons Div, 4 m. 2<sup>nd</sup> Div, 10 m. 35 s. 1<sup>st</sup> Div, 7 m. 35 s. At Merid, changed course to S.E. 1/2 E. Fires banked in two boilers. Steam pressure 25 lbs. Distilling.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N. and E. Fires banked in two boilers. Steam pressure 30 lbs. Distilling.

(Signed) Charles B. T. Moore Ensign.

From 4 to 6 P.M. Clear and pleasant. Light breeze from N. and E. Long swell from N.N.E. Fires banked in two boilers. Distilling.

(Signed) James K. Cogswell Lieut.

From 6 to 8 P.M. Clear and pleasant. Light breeze from N. and E. Barometer steady. Heavy swell from N.N.E. At 6.15 mustered at quarters. Fires banked in two boilers. Steam pressure 25 lbs. Distilling.

(Signed) Clinton K. Curtis Lieut.

From 8 to Midnight. Clear. Pleasant. Light N.E. breeze. Cumulus clouds. Fires banked in two boiler. Steam pressure 25 lbs. Distilling.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TE	MPERAT	ΓURE.	C)	ate of	Forms	of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	6	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	w	the eather by mbols	Clouds, symbol	by	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Ĭ A,M	ž	Ē									•		-			ĒΩ		
1	3	6	SE 1/2 E	N and E	2	3	30.20	73	71	69	72	bo		Cum		7	L	All plane[plain] sail
2	4	0		"	3	"		"	"	68	"	"	-	Nimb "		8	"	and M. topmast stay
3	3	2	и	ш	2		30.19	u	"	"	"	"		u		9	"	sail, close reefed
4	2	2	и	ш	"		,	ш	"	ш	73	"		"		7	"	main sail.
5	1	6	и	ш	"	9	30.20	u	"	ш	"	"		"		2	S	"
6	2	0	и	ш	u	"		u	"	70	"	"		Cum		5	"	ш
7	2	2	и	ш	u	3	30.22	u	u	"	75	"		"		8	u	и
8	2	0	и	и	1		30.24	u	"	"	"	"		"		9	"	ш
9	1	0	SE by E	ш	и			"	73	71	"	"		"		ш	ш	и
10	1	0	u	и	0-1	3	30.25	u	"	"	"	"		"		"	"	ш
11	1	0	S by W	ш	u			"	75	72	"	"		Cir Cu	m	7	ш	и
Noon	No	stee	rage way	ш	u	3	30.24	и	76	73	u	"		"		8	u	Same except M. sail.
Distan	ce ru	ın by l	Log since pre	ceding Noon								82 kn	ots		4 fat	homs.		
Latitud	le by	D. R.	at Noon									36	0	28	•	00	" N.	
Longitu	ude b	y D.	R. at Noon									28	0	05	4	00	" W.	
Latitud	le by	Obse	ervations at N	oon ⊙								38	0	19	•	00	" N.	
Longitu	ude b	y Ch	ronometer fro	m Forenoon	Observat	ions						28	0	80	4	30	" W.	
Curren	t dur	ing th	e time	knot	s 3	fm	ns. per h	our, se	tting to t	he	S.W.							
Variati	on of	the C	Compass by A	Amplitude ⊙ o	bserved	at Sunr	rise						0		"		"	
Variati	on of	the C	Compass by A	Azimuth ⊙ ob	served at	7.30	A.M.					24	0	50	ш	30	" W.	
Water	expe	ended	during the pr	eceding 24 h	ours										2	30 gallo		
Water		Cor	ndensed		during	the pre	ceding 2	24 hour	S							1130	"	
Water	rema	aining	on hand fit fo	or me at Noor	1											1500	"	
Coal c	onsu	med (	during the pre	eceding 24 ho	ours								9	tons	5	15 II	os.	
Coal re	emair	ning c	on hand at No	oon									91	и	114	10	и	
5.4																		
P,M 1	No	stee	age way			3	30.24	73	76	74	75	bc		Cir Cu	m	8	s	Steam 6 boilers.
2	"		"	u	u		30.25	44	u	"	и	"		u		9	u	а
3	2	0	SE 1/2 E	S and	0-1			74	u	"	"	"		u		"	u	и
4	8	6		E "				"	"	73	4	44		u		"	u	и
5	9	2	и	SE	1		30.23	u	74	"	4	44		u		"	u	и
6	9	0	и	ű.	"			73	"	"	и	"		Cum S	Str	u	u	и
7	9	0	и	и	и		30.24	"	73	71	и	"		"	<b>,</b> u	u	u	и
8	9	0	и	и	и		30.25	"	"	"	и	"		"		u	u	и
9	9	0	и	u	u		30.27	44	u	70	4	"		u		"	и	и
10	8	2	и	u	u		30.28	44	72	"	4	"		u		8	и	и
11	6	4	и	u	"		30.25	"	"	"	"	"		"		"	"	ш
Mid.	8	0	u	и	es		30.26	"	u	"	u	"		u		u	u	и
Longie	ıde !-	N/ CF	ronometer f	m Afternoon	Oboes:-	ions ©							0				и	
_			ronometer Ot		Onserval	10113 W			*				0				"	
_			Compass by A				oh.	earvad :	at Sunse				0		,		"	
			Compass by A	piituuc			ODS	at	at Ourist				0		,		"	
variali	UII UI	uie (	Julipass by					aı										

Commences and until 4 A.M. Clear. Cool. Light breeze from N. and E. Heavy swell from N. Fires banked in two boilers. Distilling.

(Signed) C. B. T. Moore Ensign.

From 4 to 8 A.M. Clear and pleasant. Light airs from N. and E. High dawn. Fires banked in two boilers. Distilling. Long swell from N. Barometer rising.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light airs from N. and E. Barometer steady. At 9.15 inspected at quarters. At 11.05 started fires in boilers 2, 4, 6 and 8. Took in and furled mainsail and hauled down main topmast staysail. Long swell from N. Distiller in operation.

(Signed) Clinton K. Curtis Lieut.

From Merid. to 4 P.M. Clear. Warm. Calm. Cir. Cum. clouds. At 1, hauled up fore sail. At 2.18 called all hands, shortened and furled all sail. At 2.45 coupled propeller and started ahead. Sent down royal yards. At 3, stopped engine to re-adjust high pressure steam valve. At 3.07 started ahead. Steaming under six boilers. Average pressure 65 lbs. Distilling. Revolutions 52.

(Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Clear and pleasant. Light airs from S. and E. Steaming with six boilers. Barometer steady.

(Signed) Charles B. T. Moore Ensign.

From 6 to 8 P.M. Clear and pleasant. Light airs from S. and E. Long swell from N. Steaming two thirds power. Average pressure 65 lbs. Revolutions 53. Distilling. Barometer rising slowly.

(Signed) James K. Cogswell

Lieut.

From 8 to Midnight. Clear and pleasant. Light breeze from S. and E. Steaming under six boilers. Barometer variable. At 10.15 stopped engine to repair cock in feed pipe, started ahead at 11.05. Average steam 60 lbs. Revolutions 50. Distiller in operation.

(Signed) Clinton K. Curtis Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

				WINDS		E	BAROMETI	ER.	TE	MPERATI	URE.		State of	Forms of			State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	ģ i	eight in :hes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface		the Veather by ymbols	Clouds, by symbols.	Prop. of Clear Skv. in 10ths.		of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	~	Œ									•				ш. о			
1	8	4	SE 1/2 E	S and E	1	30	.26	74	72	69	75	ŀ	С	Cir Cum	9		S	Steam 6 boilers
2	8	6	"	"	"		.25		"	"	"			"	8		"	"
3	9	0	u	и	"		.23	"	"	"	"			"	"		"	ш
4	9	0	"	ш	u		.21	73	"	"	44			u	44		u	и
5	8	6	u	ш	u	30	.23	и	u	70	"			"	4		u	и
6	8	4	u	SE	"	u		"	44	"	"			u	6		u	ш
7	0	0	u	и	u	30	.24	u	74	"	"			u	8		u	ш
8	7	6	"	ш	"	u		"	"	72	"	"		u	"		"	ш
9	8	2	u	ш	u	30		"	75	"	76			Cum	9		u	ш
10	9	0	u	ш	u	u		"	77	73	и			"	44		u	ш
11	8	2	u	ш	2	30	.24	ш	u	"	"			Cum Str	"		"	и
Noon	5	4	u	ш	"	u		74	u	74	"			u	"		"	и
Dieten			l aa ainaa ne	anding Nan								170	nata	4.4	iath a m	_		
		-	Log since pre . at Noon	cealing Moon								178 k 35		27 '	athom 0		" N.	
												24	0	39 '	3		" W.	
			R. at Noon ervations at N	00n (A								35	0	17 '	4		" N.	
			ronometer fro		Oheervati	one 📵						24	0	39 '	0		" W.	
_			ne time	knots			ner ho	nur set	ting to t	he	S.	27		55	0	0	**.	
		-	Compass by A					Jui, 501	ung to t		0.		0	ш			ш	
			Compass by A									24	0	00 "	0	0	"	
			I during the pr												230 g		S.	
Water			ndensed	3		he prece	eding 24	4 hours	8						400		ш	
			on hand fit fo	or me at Noon	_	·	Ü								1670		u	
		-	during the pre										12	tons 1	235	lbs		
			on hand at No										78	" 2	2145	66		
P,M				Sand														
1	8	0	SE 1/2 E	S and E	1	30	.24	76	77	73	76	bo		Cir Cum		8	S	Same
2	8	0	u	u	u	30	.22	ш	u	"	u	"		u		"	"	и
3	8	4	"	u	u	30	.21	"	44	44	"	и		u		9	"	а
4	8	4	u	u	"	30	.20	u	u	"	44	"		"		"	u	и
5	8	2	ш	и	u	u		75	76	72	"	"		"		"	"	и
6	8	4	ш	и	u	30	.19	ш	75	"	"	"		"		8	"	и
7	8	4	u	и	и	и		4	74	44	"	ш		u		"	"	и
8	8	0	u	и	и	30	.23	4	44	44	"	ш		u		9	"	и
9	8	0	"	u	"		.21	74	и	71	44	"		u		8	u	ш
10	8	0	"	и	и	30	.22	и	44	44	75	"		"		"	u	ш
11	8	0	ш	и	ш	u		ш	ш	"	u	и		"		и	"	u.
Mid.	8	0	и	er	и	30	.20	ш	ш	"	"	44		и		9	"	
Longit	ude 4	ny Ch	ronometer fro	m Afternoon	Ohsenzati	one 🗨							0	4			ш	
-			ronometer Ob		OD3CI Vdli	ons ©			*				0				"	
-			Compass by A				Oher	erved -	at Sunse				0	4			u	
			Compass by A	piituuc			JUSE	at	at Ourist				0	4			u	
varidli	011 01	i iiie (	Joinpass by					aı										

Commences and until 4 A.M. Partially cloudy. Cool. Pleasant. Light breeze from S. and E. Cir. Cum. clouds. Steaming three fourths power. Average pressure 60 lbs. Revolutions 53. Temp of bunkers 98°. Distilling.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Light airs from S. and E. Steaming six boilers. Average pressure 60 lbs. Revolutions 50. Distilling.

(Signed) Charles B. T. Moore Ensign.

From 8 to Merid. Clear and pleasant. Light airs from S. and E. Steaming with six boilers. Average pressure 58 lbs. Revolutions 29. Distilling.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light airs from S. and E. Barometer falling slowly. Average pressure 60 lbs. Temp of bunkers 104°. Revolutions 50. Distiller in operation. Engaged in touching up spots on paintwork.

(Signed) Clinton K. Curtis Lieut.

From 4 to 6 P.M. Clear and pleasant. Light breeze from S. and E. Cumulus clouds. Steaming three fourths power. Average pressure 65 lbs. Temp of bunkers 104°. Revolutions 49. Distilling. (Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Clear. Pleasant. Light airs from S. and E. Steaming with six boilers. Steam pressure 63 lbs. Revolutions 48. Temp of bunkers 100°. Distilling.

(Signed) Charles B. T. Moore Ensign.

From 8 to Midnight. Clear and cool. Light airs from S. and E. Steaming with six boilers. Moon set at 9. Average pressure 55 lbs. Revolutions 47. Distilling.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TEM	MPERATU	JRE.	Ç.	ate of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	w	the eather by mbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																	
1	8	4	SE 1/2 E	S and E	1		30.18	74	72	71	76	bo		Cum	8	S	Steaming 6 boilers
2	8	4	"	ш	u		ш	ш	ш	"	"	"		Cum	6	"	Fore and aft sail.
3	8	4	и	и	2		30.17	ш	ш	"	"	"		Nimb "	5	"	и
4	8	0	и	u	"		"	u	u	"	"	"		Cum	7	"	и
5	7	6	и	ш	3		30.16	75	76	72	"	"		Cur Cum	"	"	ш
6	7	0	"	ш	u		30.17	u	u	"	"	"		u	6	"	и
7	7	4	и	"	"		u	u	u	74	"	"		u	"	"	ш
8	7	0	u	u	"		30.18	u	u	u	44	"		и	7	"	и
9	7	6	и	и	3-5		30.19	u	77	76	"	bo	pq	Cum	4	"	ш
10	7	4	ш	ш	"		u	u	u	u	"	bo	ср	Nimb "	3	"	ш
11	5	0	"	и	4		u	76	u	77	"	bo		и	2	"	и
Noon	6	0	и	"	"		30.18	u	u	"	"	"		u	3	"	ш
Distanc	e run	by L	og since prece	eding Noon							1	86 kr	nots	0 fa	thoms.		
Latitude			-	•								34	0	15 '	00	" N.	
Longitu	de by	D. R	. at Noon									21	0	07 '	00	" W.	
Latitude	by C	bser	vations at No	on ⊙								34	0	17 '	00	" N.	
Longitu	de by	Chro	onometer from	Forenoon O	bservation	ns ⊙						20	0	55 '	00	" W.	
Current	durir	ng the	time	knot	s 3	1	fms. per h	our, se	tting to th	ie E	. 3/4 S.						
Variatio	n of t	he C	ompass by Ar	nplitude ⊙ ob	served at	Suni	rise						0	и		44	
Variatio	n of t	he Co	ompass by Az	imuth ⊙ obse	erved at 7	.30 A	.M.					21	0	40 "	00	" W.	
Water e	xpen	ded o	during the pre	ceding 24 hou	urs									2	30 gallo		
Water		Co	ndensed		during t	he p	receding 2	24 hour	S						400	"	
		-	on hand fit for												1840	"	
			uring the prec		rs								12			os.	
Coal rei	maını	ng or	n hand at Noo	n									66	" 18	70	_	
P,M																	
	6	0	se 1/2 e	005	4		20.17	76	77	75	70	ha		Cuma Nimala	2	c	Chaming C hailers
1	1	4	se 1/4 e	SSE "	4		30.17	76 "	77 "	75 "	78	bc		Cum Nimb	2	S "	Steaming 6 boilers
2	7	0	"		"		30.15				77 "	0			0		"
3	7 7	0 6	"	u	44		30.14	u	75 "	75 "	44	"		и	"	и	и
4 5	8	0	ш	u	44		30.14	u	u	"	"	u		и	"	ш	ш
6	8	4	и	u	"		"	u	u	"	"	u		u	"	и	и
7	8	6	и	u	44		30.13	75	u	"	"	"		и	"	ш	и
8	9	0	и	u	44		30.16	"	u	"	"	"		и	"	ш	и
9	9	2	и	u	44		30.17	"	u	73	"	"		u	"	"	и
10	10	0	ш	и	3		30.18	u	76	"	"	u		и	"	"	ш
11	9	2	ш	и	2		"	u	"	"	"	u		и	"	"	ш
Mid.	8	4	ш	u	"		30.17	u	u	"	"	"		u	"	"	и
•																	
Longitu	de by	Chro	onometer from	Afternoon O	bservatio	ns ⊙							0			"	
-			onometer Obs						*				0			u	
-			ompass by Ar				ob	served a	at Sunse	t			0			u	
			ompass by					at					0			u	
			•														

Commences and until 4 A.M. Clear and pleasant, clouding over during watch. Light breeze from S. by W. last two hours. Barometer falling slowly. At 12.07 the heavens were illuminated by the flash of a very brilliant meteor, starting at an altitude of about 70°, traveling N.E. and bursting about 10° above the horizon. At 3, set jib, F.T.M. staysail, main trysail and spanker. Average steam 60 lbs. Revolutions 48. Temp of bunkers 100°. Distiller in operation.

(Signed) Clinton K. Curtis Lieut.

From 4 to 8 A.M. Clear. Pleasant. Moderate S[outher]ly breeze. Cir. Cum. clouds. At 7.35 set gaff topsail. Sighted a sail at daylight, on lee quarter, and lost sight of her soon after. Exchanged colors with an American hermaphrodite brig standing to S. and W. Steaming three fourths power. Average pressure 62 lbs. Revolutions 43. Temp of bunkers 108°. Distiller in operation.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Rain squalls first hour. At 9.30 inspected at quarters, exercised 1<sup>st</sup> and 2<sup>nd</sup> Divs, at single sticks. Steaming with six boilers. At 10.15 stopped engines. At 10.27 started. At 10.31 stopped, started at 10.35. Average pressure 60 lbs. Revolutions 46. Distilling.

(Signed) Charles B. T. Moore Ensign.

From Merid. to 4 P.M. Cloudy and pleasant. Moderate breeze from S.E. Light sprinkling of rain latter part of watch. At 12.15 took in fore and aft sail. At 12.45 changed course to S.E. 1/4 E. Scraped spars. Steaming with six boilers Average pressure 62 lbs. Revolutions 49. Distilling.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Overcast, drizzling rain last hour. Barometer steady. At 5, sent down top gallant yards. Average steam 63 lbs. Temp of bunkers 108°. Revolutions 53. Distiller in operation.

(Signed) Clinton K. Curtis Lieut.

From 6 to 8 P.M. Cloudy, drizzling rain first part of watch. Cum. Nimb. clouds. At 6.15 mustered at quarters. Steaming six boilers. Average pressure 63 lbs. Revolutions 53. Temp of bunkers 108°. Distilling.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Overcast, cool. Moderate breeze from S.S.E. Steaming six boilers. Average pressure 62 lbs. Revolution 8 to 53, Ten to 12, 48. Distilling.

(Signed) Charles B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROME	TER.	TE	MPERATI	JRE.	01-1	Farmer of		01-1-	
	"	ø	Courses steered.	Direction.	Force.	way.	Height	Ther.	Air	Air	Water	State of the Weather	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the	Record of the sail the vessel is
Hour	knots	Fathoms.				Leeway.	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface	by symbols		Prop. c Sky, in	Sea.	under at end of watch.
A,M																
	0	0	CE 4/4 E	SSE	4		20.17	76	76	70	76	ha	Cum			Chamina aiy hailara
1	8	0	SE 1/4 E	55E "	4		30.17	76	76 "	73	76 "	bc "	Nimb "	1	S "	Steaming six boilers
2	8	2	и	ш			30.16	75 "		74	"			2	"	
3 4	8 9	6 0	и	SE	3		30.14 30.13	и	75	73 71	"	u	и	1	"	ш
5	8	4	u	ű.	1		30.13	u	"	72	"	u	Cum Str	3	"	ш
	3	4	CE 1/2 E	u	2			"	4	"	"	u	"	2		и
6	4	4	SE 1/2 E	и	<u>~</u>		30.15	"	"	44	"	"	"	<u>د</u> «	"	6
7 8	8	0	и	и	и		20.16	u	"	"	"	и	и	"	"	ш
9	8	4	и	u	ш		30.16	"	76	74	"	"	u	3	"	ш
10	6	4	и	E	u		30.17	u	"	"	"	"	"	"	"	и
11	7	6	и	"	u		30.15	u	77	44	"	u	u	4	"	ш
Noon	7	4	и	ш	ш		"	"	78	"	"	"	Cir Cum	u	"	и
Distan	ce ru	ın by l	Log since pre	ceding Noon								knots	fa	thoms.		
Latitud	de by	D. R.	at Noon									0			ш	
Longit	ude b	by D.	R. at Noon									0	4		ш	
Latitud	de by	Obse	ervations at N	loon ⊙								0	•		ш	
Longit	ude b	by Ch	ronometer fro	m Forenoon	Observat	ions (	•					0	'		ш	
		-	e time	knot			fms. per h	nour, se	tting to t	the						
				Amplitude ⊙ o			nrise					0	ш		и	
				Azimuth ⊙ ob								0	44		ш	
				receding 24 h										230 gall	ons.	
Water			ndensed		_	the p	receding	24 hour	S					100	"	
		-		or me at Noor								۰	tono 1	1710		
				eceding 24 ho	ours							8 58		235 I 635	bs.	
Coarr	ciliali	illig c	on hand at No	JOH								30		033		
P,M																
1	7	6	Steaming	S by E	2		30.13	76	80	77	76	bc	Cum Nimb	3	s	
2	8	0	under direction	SSE	u		30.12	"	79	76	"	u	u	2	"	и
3			of	u	u		u	u	и	"	44	и	u	3	u	и
4	At	Anch	navigator. or.	u	1		30.17	"	ш	"	"	u	"	7	"	и
5				ш	u		30.12	"	81	"	"	и	"	5	"	и
6				W	u		u	u	78	"	"	и	u	6	"	и
7				ш	u		u	u	77	75	"	и	u	и	u	46
8				ш	u		30.13	u	44	"	и	и	"	и	"	и
9				NW	u		u	u	75	73	"	и	u	5	u	и
10				ш	u		"	"	74	72	"	и	u	4	"	ш
11				NE	2		и	75	ш	"	u	и	"	7	"	и
Mid.				N	u		30.12	74	72	70	"	и	u	8	"	44
												_				
•		•		m Afternoon	Observat	ions (	⊙					0			"	
			ronometer Ot						*			0	,			
			Compass by A	Amplitude			ob		at Sunse	et		0				
Variati	on of	the C	Compass by					at				Ü	•		•	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and pleasant. Light breeze from S. and E. Steaming with six boilers. Average pressure 60 lbs. Revolutions 48. Distilling. Barometer falling.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy, pleasant. Light airs from S.E. Barometer rising slowly. At 5 sighted land, eastern end of the Island of Madeira, bearing (pc) S.E. 1/4 S. Sighted several sail during watch and changed course frequently. Average pressure 60 lbs. Revolutions 47. Distiller in operation. Two sail in sight at end of watch.

(Signed) Clinton K. Curtis Lieut.

From 8 to Merid. Partially cloudy. Pleasant. Light E. breeze. Cir. Cum. clouds. Engaged in unbending gear and getting ship ready for port. At 11, crossed light yards. Steaming three fourths power. Average pressure 60 lbs. Revolutions 47. Distilling.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy. Pleasant. Light breeze from S.S.E. Steaming six boilers. At 2.45 called all hands bring ship to anchor. At 3.35 let go port anchor, 18 fathoms water veering to 45 fathoms of chain. Draught forward 13 ft, 9 in. Amidships 14 ft, 10 in. Aft 15 ft, 10 in. Hauling fire in four boilers. Steam pressure 60 lbs. Distilling.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 P.M. Clear. Pleasant. Light W[ester]ly breeze. Cir. Cum. clouds. At 6 hauled fires in four boilers and banked fires in two. At sunset sent down light yards, unbent the light sails and stowed them below. Average steam pressure 30 lbs. Temp of bunkers 100°. Distilling.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Cool. Light variable airs. At 11, a large steamer came in and at 11.30 steamed out, bound N. Barometer steady. Fires banked in two boilers. Distilling.

(Signed) Charles B. T. Moore Ensign.

(Signed) Asa Walker, Lieut.
Navigator.

				WINDS	<b>S</b> .		BAROME	TER.	TE	MPERATI	JRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	of the	Record of the sail the vessel is under at end of watch.
A,M	_	_									•	•				
				NINIT	2	,	20.11	70	70	71		ha	Cir. Cum			
1 2				NNE "	2		30.11 30.11	73 "	73	71 70		bc "	Cir Cum	8		
3				ENE	и		30.11	u	"	"		и	и	"		
4				EINE "	44		30.10 "	72	"	71		"	ш	"		
5				N	1	4	ш	"	44	"		"	u	9		
6				u u	"	9	30.11	71	"	"		"	ш	"		
7				ш	"		"	72	"	"		и	u	"		
8				ш	44	3	30.12	74	74	72		"	ш	"		
9				W	"		30.13	"	"	"		u	u	"		
10				u	2		30.16	"	76	74		"	и	"		
11				ш			30.15	76	78	"		u	u	"		
Noon				ш	1		30.15	"	79	76		"	ш	"		
					•	`	000									
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathoms		
Latitud				Ü								0		4	66	
			at Noon									0		4	66	
			ations at N	oon ⊙								0		4	ш	
				m Forenoon	Observat	ions ⊙						0		4	ш	
Curren				knot			ns. per h	our, se	tting to t	the						
		-		Amplitude	observed				•			0		"	44	
				Azimuth ⊙ ob								0			u	
				eceding 24 h										230 g	allons.	
Water			ved and Co			the pre	ceding 2	24 hour	s					120		
				or me at Nooi	_	·	Ū							290		
		-		eceding 24 ho									tons	1115	lbs.	
			hand at No									57	44	1760	"	
P,M																
1				West	1	3	30.14	76	79	77		bc	Cir Cum		8	
2				u	"	3	30.13	"	"	78		ш	u		u	
3				u	"	3	30.12	"	"	77		ш	u		u	
4				Calm	0	4	и	78	"	76		ш	u		u	
5				u	"	4	и	"	81	"		ш	u		9	
6				North	1		и	"	79	"		ш	u		u	
7				u	"		и	"	78	"		ш	u		u	
8				u	"	4	и	76	"	73		ш	u		u	
9				u	"	3	30.14	"	74	"		ш	u		u	
10				u	"	4	и	"	"	72		ш	u		u	
11				u	u	3	30.15	74	и	"		ш	u		ш	
Mid.				u	ш	3	30.17	73	72	71		и	u		ш	
Longitu	ude by	/ Chro	nometer fro	m Afternoon	Observat	ions						0		4	и	
Longitu	ude by	/ Chro	nometer Ob	servations					*	<		0			u	
Variati	on of t	he Co	mpass by A	Amplitude			obs	served a	at Sunse	et		0			u	
Variati	on of t	he Co	mpass by					at				0		•	"	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Light E.N.E. breeze. Cir. Cum. clouds. Bright starlight. Fires banked in two boilers. Average steam pressure 25 lbs. Distilling.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Calm and warm. Light airs from N. Two English steamers came in and anchored. Fires banked in two boilers. Average pressure 30 lbs. Distilling.

(Signed) James K. Cogswell

Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from W. Fires banked in two boilers. Steam pressure 30 lbs. Distilling.

(Signed) Charles B. T. Moore Ensign.

From Merid. to 4 P.M. Clear and warm. Light W[ester]ly airs. Stopped distilling at 3.35. Placed Patrick Punch (O.S.) and John Millemore (O.S.2.C.) in double irons, to await action of Commanding Officer, for smuggling liquor on board.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Calm and light airs from N. At 5.45 mustered at quarters and served out clean hammocks. Receiving water. Hauled fires in two boilers. Received 730 gallons of fresh water.

(Signed) Charles B. T. Moore Ensign.

From 8 to Midnight. Clear and cool. Light N[orther]ly airs. Bright moonlight.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

				WINDS			BAROME	TER.	TE	MPERATU	JRE.	State of	Forms of			State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, b symbols.	y <u>ĕ</u>	Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	-										•					
				North	1		20.12	74	72	72		ho	None	1/	,		
1 2				North "	1		30.12	74 "	72 73	72 "		bc "	None "	10	,		
3				и	ш		30.11	"	"	"		u	и	"			
4				и	0-1			u	ш	"		"	"	"			
5				и	u-1		30.10	"	ш	"		"	"	"			
6				и	u		"	u	"	"		"	"	"			
7				и	u		u	u	74	"		"	"	"			
8				и	"		"	u	"	73		u	ш	"			
9				и	"		30.13	75	76	74		bc	Cum	9			
10				и	u		30.15	"	"	75		"	"	"			
11				West	u		"	76	77	76		u	u	"			
Noon				"	u		30.12	"	78	"		"	"	"			
							002										
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	s.		
			t Noon	•								0				66	
			at Noon									0				ш	
			ations at N	oon ⊙								0				44	
				m Forenoon	Observati	ons	)					0				ш	
Currer				knots			ms. per h	our, se	tting to t	he							
Variati	on of t	he Co	mpass by A	Amplitude ⊙ d	bserved	at Sun	nrise					0		ш		44	
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		"		"	
				eceding 24 h										230	gallon	s.	
Water				-		he pre	eceding :	24 hour	s							"	
Water	remai	ning o	n hand fit fo	r me at Noon										27	00	ш	
Coal c	onsun	ned du	ring the pre	ceding 24 ho	urs								tons	275	lbs.		
Coal re	emaini	ing on	hand at No	on								57	44	1485	"		
P,M																	
1				Variable	0-1		30.11	78	79	77		bc	Cum		9		
2				ш	"		30.09	44	80	44		"	"		"		
3				ш	u		30.08	"	"	78		"	u		"		
4				ш	u		30.07	79	"	"		"	u		"		
5				West	u		"	80	82	80		"	u		"		
6				ш	"		30.05	"	80	79		u	u		"		
7				Calm	"		30.07	77	78	78		t	None		10		
8				ш	"		30.08	"	77	76		u	u		"		
9				Variable	"		30.09	"	и	"		u	u		"		
10				ш	u		30.10	76	76	75		bc	Cum		8		
11				ш	"		u	75	75	74		u	u		6		
Mid.				и	u		ш	u	и	44		ű	u		и		
				m Afternoon	Observati	ons ©	)					0		•		ш	
Longit	ude by	/ Chro	nometer Ob	servations					*	•		0		4		u	
Variati	on of t	he Co	mpass by A	Amplitude			ob	served a	at Sunse	et		0		4		u	
Variati	on of t	he Co	mpass by					at				0		•		"	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool. Light breeze from N.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 A.M. Clear, warm and pleasant. Light airs from N. English steamer "Ancola" and small brigantine came in from S. at 6. Received on board for use of crew 163 3/4 lbs fresh beef and same quantity of vegetables.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and warm. Light airs from N. first part of watch, W. latter part. An English steamer came in from W. and anchored. At 10 Commanding Officers inspected ship and crew at quarters, afterwards read prayers.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear, warm and pleasant. Light variable airs. English Steamer "Ancola" and "Viella" left the harbor. An English transport and English merchant steamer came in, the latter anchored.

(Signed) Clinton K. Curtis Lieut.

From 4 to 8 P.M. Clear and pleasant. Calm. At 4 sent an officer aboard the English Transport "Orontes" with compliments of Commanding Officer and offer of service. At 5.15 the "Orontes" steamed out bound for Liverpool. The "Orontes" was from Cape Town with troops.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant first part, clouding over last hour. Light variable airs.

(Signed) Clinton K. Curtis
Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

		WINDS	i.	В	BAROMETER.			MPERATI	JRE.	State of	Forms of	s of s, by Spirit	State of the	State	December 11 the control in		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	He incl	ight n nes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	Sky, in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																	
1				North	0-1	30.	.09	74	74	73		b	None	10	)		
2				ш	u	u		"	ш	"		u	u	"			
3				ш	u	30	.08	73	ш	"		u	u	"			
4				u	u	u		"	73	73		bc	Cum	9			
5				ш	2	30	.06	"	u	44		"	u	44			
6				N by E	u	30.	.04	"	и	44		"	u	"			
7				NNE "	u	"						"	"	"			
8						"		74	76	74		"	"	"			
9					0-1 "	30.		75 70	77	75 70							
10 11				SW	u	30. 30.		76 77	78 "	76 "		"	"	7			
Noon				ű	u	30.		78	76	78		"	u	"			
110011						30.	.00	70	70	70							
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	S.		
Latitud	de by [	D. R. a	it Noon									0		•	u		
Longit	ude by	y D. R.	at Noon									0		•	ш		
Latitud	de by 0	Observ	ations at N	oon ⊙								0		4	"		
Longit	ude by	y Chro	nometer fro	m Forenoon	Observati	ons ⊙						0		4	"		
Current during the time knots fms. per hour, setting to the																	
			mpass by A			Э				0		4	ш				
				Azimuth ⊙ ob								0		4	44		
		nded d	uring the pr	eceding 24 h										230	gallons.		
Water					_	the prece	ding 24	4 hour	S						" ۲0 "		
				or me at Noor										24	U		
				eceding 24 ho	ours							100	tons "	275 90	lbs.		
Coarre	emain	ing on	hand at No	OH								100		90			
P,M																	
1				SW	1	30.	.04	78	79	78		bc	Cum Nir	nb	5		
2				u	"	u		44	80	"		ш	u		"		
3				West	2	"		"	81	79		"	u		7		
4				u	u	u		79	и	"		ш	u		6		
5				u	1	u		44	80	77		"	Cum		u		
6				u	ш	u		"	79	"		ш	ш		5		
7				ш	и	u		78	u	76		44	u		ш		
8				Calm	0	30.	.00	"	и	44		ш	"		ш		
9				South	1	30.		77	78	"		ш	u		7		
10				North	2	"		"	77	74 "			Cir Cum		4		
11								76 "	76 "						6		
Mid.						30.	.05										
Longitude by Chronometer from Afternoon Observations ⊙														4	"		
_			nometer Ob		ODOO! Val	2110 0			*	<		0			"		
_			mpass by A				obse	erved a	at Sunse			0			"		
			mpass by					at				0			"		
			. ,														

Commences and until 4 A.M. Clear and cool. Light airs from North. Moon set at 12.45. Bright starlight.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Pleasant. Light N.N.E. breeze. Cumulus clouds. At 5 an English came in from S. and E. Received onboard 163 3/4 lbs fresh beef and 16 3/4 lbs vegetable. By order of Commanding Officer, Irving Winbush (W.O.S.) was placed in double irons for being drunk on duty. Commenced coaling ship at 6.20.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear, warm and pleasant. Light airs from N.N.E. shifting to S.W. Finished coaling at 10, received on board 40 tons.

(Signed) Clinton K. Curtis Lieut.

From Merid. to 4 P.M. Clear. Warm. Cum. Nimb. clouds. Light W. breeze. At 2 an English steamer stood out to N. and E. Painted ship outside.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear, warm and pleasant. Calm and light airs from W.

(Signed) Clinton K. Curtis Lieut.

From 8 to Midnight. Clear. Cool. Light W[ester]ly breeze. Cir. Cum. Nimb. clouds. At 10 a Portuguese bark got underway and stood out to sea.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

		WINDS	i.	BARO	BAROMETER.		EMPERAT	URE.	State of	Clouds, by	s of Lest	s State	te		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	of the Sei	Record of the sail the vessel is
A,M															
í. 1				NE by N	2	30.05	75	75	74		bc	Cum	6		
2				ıı⊏ Dy IN	"	"	"	"	"		"	"	8		
3				NNE	1	"	"	74	72		ш	u	9		
4				"	"	u	74	73	70		"	u	"		
5				N	u	"	"	"	71		и	Cum Str	"		
6				u	u	30.04	"	"	,		44	Cum Cir			
7				NW	0-1	"	"	"	44		ш	Cum	"		
8				W by N	"	30.03	75	76	74		"	"	"		
9				SW	1	30.04	"	77	75		ш	ш	9		
10				"	"	30.03	"	"	"		44	ш	7		
11				ш	u	30.02	"	78	44		"	Cum	5		
				14/	u		"	"	и		u	Nimb "			
Noon				W		30.01							4		
Distan	ice rur	n by Lo	oa since pre	eceding Noon							knots		fathoms	s.	
			t Noon	<b>J</b>							0		4	и	
			. at Noon								0		4	и	
			vations at N	loon ⊙							0		4	и	
				m Forenoon	Observat	ions ⊙					0		4	и	
Curre				knot			hour, se	etting to	the						
		-		Amplitude ⊙ o	observed	at Sunrise		•			0		14	и	
				Azimuth ⊙ ob							0			и	
				receding 24 h									230 g	allons.	
Water				-		the preceding	24 hou	rs						"	
Water	remai	ining o	n hand fit fo	or me at Noor	1								224	0 "	
Coal	onsur	ned du	uring the pre	eceding 24 ho	ours							tons	1235	lbs.	
			hand at No								99	u	1095	ш	
P,M															
1				W	1	30.00	75	78	75		bc	Cum Nir	nb	3	
2				"	и	u	76	"	"		ш	ш		и	
3				"	u	29.99	"	"	"		ш	ш		4	
4				44	и	и	"	u	76		и	u		3	
5				SW	и	30.00	77	79	77		ш	u		6	
6				44	и	u	76	78	76		и	ш		7	
7				NE	44	и	"	77	75		и	и		и	
8				u	44	30.01	75	76	"		и	и		и	
9				44	u	"	44	"	74		ıí	и		8	
10				ш	и	"	44	75	"		ш	ш		7	
11				"	u	"	74	73	72 "					6	
Mid.				NNW	и	30.00	ш	73	"		si.	Cir Cum		8	
l cast	ude k	, Chr-	nometer f	m Afternas -	Oboon	iono @					0		4	и	
-				om Afternoon	observat	1011S •			*		0			"	
-		•	mometer Oi	bservations		_	haar is -				0			"	
				чиришае		C	bserved	at SUNS	El		0			"	
variat	101101	uie CC	mpass by				at								

Commences and until 4 A.M. Clear and pleasant. Light airs from N. and E. Barometer steady. Bright starlight.

(Signed) Clinton K. Curtis Lieut.

From 4 to 8 A.M. Clear and pleasant. Light airs from N. and W. Barometer falling slowly.

(Signed) Charles B. T. Moore Ensign.

From 8 to Merid. Clear. Warm. Cum. Nimb. clouds. Light S.W[ester]ly breeze. At 9.15 inspected at quarters. Engaged in setting up fore and aft stage. Received in Construction Department 125 lbs. 3/4 in. round iron. Served out monthly money to crew.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy and pleasant. Light airs from W. Sent party of men ashore on liberty. Engaged in setting up main stays and fore topmast stays.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 P.M. Clear. Pleasant. Light N.E. breeze. Cum. Nimb. clouds. Engaged in setting up fore and aft stays.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from N.E. Bright moonlight. Two large steamers came and anchored.

(Signed) Charles B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

				WIND	S.	BAROM	ETER.	т	EMPERAT	URE.					
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather by symbols	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
王 A,M	Ā	Fa				nones.		Daib.	Daile.				g %		
				NIN II A	0	20.00	70	70	70			0:- 0			
1				NNW	2	30.00	73	73	73		bc "	Cir Cum	4		
2				N "	u	29.98	44	и			"	и	3		
3						29.96			72			Cir Cum	5		
4				ш	u	29.96	"	"	"		u	Nimb	1		
5				и	1	и	72	72	71		и	Cir Str	8		
6				u	0-1	и	"	"	"		u	Cum Nimb	5		
7				и	u	29.97	73	73	72		и	u	2		
8				u	ш	u	74	75	74		u	u	1		
9				u	ш	29.99	"	"	73		u	u	3		
10				W by N	1	u	78	77	75		u	ш	"		
11				W	3	29.98	"	78	76		u	"	2		
Noon				ш	2	и	"	"	"		u	ш	"		
Distar	nce rui	n by Lo	og since pro	eceding Noor	า						knots	1	fathoms.		
Latitud	de by	D. R. a	at Noon								0	4		ш	
Longit	ude b	y D. R	. at Noon								0	4		"	
Latitud	de by	Obser	vations at N	Noon ⊙							0	4		"	
Longit	ude b	y Chro	nometer fr	om Forenoon	Observat	ions					0	4		"	
Curre	nt duri	ing the	time	kno	ts	fms. per	hour, se	etting to	the						
Variat	ion of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise					0	44		"	
Variat	ion of	the Co	mpass by	Azimuth ⊙ ol	bserved at	t					0	44		"	
Water	expe	nded o	luring the p	receding 24 I	nours								230 gall	ons.	
Water		Rece	ived		during	the preceding	24 hou	rs					1000	"	
Water	rema	ining c	n hand fit f	or me at Noo	n								2900	"	
Coal	consur	med dı	uring the pr	eceding 24 h	ours							tons	275 I	bs.	
Coal r	emain	ning on	hand at N	oon							99	u	820	ш	
P,M															
1				W	3	29.95	76	78	76		0	Cum Nim	b 0		
2				u	44	29.94	"	"	ш		bc	"	"		
3				u	4	29.93	"	"	ш		"	"	"		
4				ш	3	29.92	"	"	u		bcr	ш	2		
5				u	"	и	"	"	и		ор	u	0		
6				u	44	и	"	77	75		"	"	"		
7				NW	2	и	"	75	73		"	u	"		
8				Calm	0	и	"	76	74		bc	u	4		
9				SSW	0-1	29.93	"	"	75		"	"	1		
10				N	"	ш	"	77	ш		u	ш	"		
11				"	u	u	"	"	u		u	u	4		
Mid.				и	u	u	44	44	и		u	"	5		
Longit	ude b	y Chro	nometer fr	om Afternoor	Observat	tions					0	4		"	
Longit	ude b	y Chro	nometer O	bservations				:	*		0			ш	
Variat	ion of	the Co	mpass by	Amplitude		ob	served	at Suns	et		0	,		u	
Variat	ion of	the Co	ompass by				at				0			"	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Partially cloudy, cool. Light N[orther]ly breeze. At 1 English mail steamer left the harbor.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Cloudy and pleasant. Light airs from N. Commenced to paint ship inside.

(Signed) James K. Cogswell
Lieut.

From 8 to Merid. Cloudy, pleasant. Light airs from W. freshening during latter part. Engaged in painting ship inside and setting up head stays. Received 1000 gallons fresh water.

(Signed) Charles B. T. Moore Ensign.

From Merid. to 4 P.M. Cloudy and pleasant. Light W[ester]ly breeze. Finished setting up head stays. Engaged in painting ship first part of watch. Rainy latter part of watch. English mail steamer left the harbor at 1.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Overcast with passing showers first three hours. Light breeze from W. shifting to N.W. Barometer steady. Sent liberty ashore. At 6.30 veered to 60 fathoms port chain.

(Signed) Charles B. T. Moore Ensign.

From 8 to Midnight. Cloudy and pleasant. Light variable airs. Bright moon and starlight. Clouds moving rapidly to E.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

				WIND	s.	BARON	ETER.	TI	EMPERAT	URE.	State of	Forms of	٠.	. Si	State
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky in 10ths	t S	of hee Record of the sail the vessel is under at end of watch.
	×	Œ.								•			ш. о.	,	
A,M						00.00		70				0: 0	_		
1				North "	1	29.92	76 "	76 "	75 "		bc "	Cir Cum			
2				и	u	29.92	u				и	и	5 6		
3 4				u	и	29.91	"	75 "	74 73		и	и	7		
5				ш	"	29.93	74	"	73 74		"	"	"		
6				u	"	29.95	73	74	73		u	"	u		
7				ш	"	29.97	74	73	74		u	"	8		
8				ш	"	29.98	76	75	76		u	"	"		
9				SW	"	29.95	"	78	"		u	"	"		
10				"	"	"	"	"	"		u	"	u		
11				S	"	29.97	"	79	77		u	"	"		
Noon				SE	"	29.96	77	"	u		u	"	9		
Distar	nce rur	n by Lo	g since pr	eceding Noor	า						knots		fathoms	i.	
Latitud	de by I	D. R. a	t Noon								0		4	и	
Longit	ude b	y D. R	at Noon								0		4	и	
Latitud	de by	Observ	ations at I	Noon ⊙							0		•	ш	
Longit	ude b	y Chro	nometer fr	om Forenoor	Observa	tions ⊙					0		•	ш	
Curre	nt duri	ing the	time	kno	its	fms. per	hour, se	etting to	the						
Variat	ion of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise					0		ш	ш	
Variat	ion of	the Co	mpass by	Azimuth ⊙ o	bserved a	t					0		и	и	
		nded d	uring the p	preceding 24									230 g	allons.	
Water					-	the preceding	24 hou	rs						"	
				for me at Noo									270		
				receding 24 h	ours							tons "	995	lbs.	
Coair	emain	ning on	hand at N	loon							98		2065		
P,M															
1				SE	1	29.95	77	79	77		bc	Cum		9	
2				u	2	29.94	44	80	u		"	"		u	
3				W	3	29.93	u	79	76		u	"		7	
4				и	ш	u	"	78	75		u	u		u	
5				E	44	u	"	76	u		"	u		8	
6				u	2	29.94	76	"	u		u	"		"	
7				Calm	0	29.95	75	75	72		u	"		9	
8				u	"	u	44	"	u		u	u		u	
9				W	1	29.96	"	74	и		u	Cir		7	
10				u	"	29.98	"	"	74		u	"		u	
11				u	44	u	"	73	72		"	u		"	
Mid.				и	44	ш	44	44	71		ш	u		"	
Longit	ude b	y Chro	nometer fr	om Afternoor	o Observa	tions ⊙					0		4	и	
-				bservations				:	*		0		4	"	
				Amplitude		ol	served	at Suns	set		0		4	"	
Variat	ion of	the Co	mpass by				at				0		•	"	

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool, pleasant. Light airs from N. Bright moonlight.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 A.M. Clear and pleasant. Light airs from N. Barometer rising slowly.

(Signed) Clinton K. Curtis

Lieut.

From 8 to Merid. Clear and pleasant. Light variable airs. An English steamer and brig came in and anchored. U.S. Consul paid a visit to the Commanding Officer.

(Signed) James K. Cogswell

Lieut.

From Merid. to 4 P.M. Clear and cool. Light airs from S. E. increasing to light breeze and shifting to W.

(Signed) Clinton K. Curtis

Lieut.

From 4 to 8 P.M. Clear and cool. Light airs from E. first part, calm latter part of watch. Moon rose at 6.45.

(Signed) James K. Cogswell

Lieut.

From 8 to Midnight. Clear and pleasant. Light airs from W. Bright moonlight.

(Signed) Clinton K. Curtis

Lieut.

(Signed) Asa Walker, Lieut.

Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

wi		WINDS			BAROMETER.		TEMPERATURE.			State of	Forms of	Forms of	State of	te		
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	th	Record of the sail the vessel is
A,M	_										•					
				North	1		20.07	74	74	70		ho	Cum	1		
1 2				North "	1 1		29.97 29.97	74 74	74 74	70 70		bc o	Cum "	1		
3				и	1		29.96	74 74	74	70		"	"	0		
4				и	1		29.95	73	73	70		bc	44	4		
5				и	1		29.95	73	72	69		"	Cir Cum			
6				и	1		29.96	72	71	68		"	"	7		
7				NNE	1		29.97	72	70	70		"	u	8		
8				West	1		29.97	73	72	72		"	u	9		
9				"	1		29.99	74	73	72		"	Cum	9		
10				и	1		30.01	74	74	73		"	"	9		
11				и	2		30.00	74	76	74		u	"	9		
Noon				и	2		30.00	74	76	74		"	ш	9		
					-		00.00		,,					Ü		
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	3.	
Latitud	le by E	). R. a	t Noon	-								0			"	
Longit	ude by	D. R.	at Noon									0			"	
Latitud	le by C	Dbserv	ations at No	oon ⊙								0			"	
Longit	ude by	Chro	nometer fro	m Forenoon	Observati	ions (	Ð					0			"	
Longitude by Chronometer from Forencon Observations ⊙ ° '  Current during the time knots fms. per hour, setting to the																
Variati	on of t	he Co	mpass by A	Amplitude ⊙ d	bserved	at Su	nrise	0		ш	"					
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at					0		"	"			
Water	expen	ded di	uring the pr	eceding 24 h	ours									230 (	allons.	
Water					during	the pr	receding	24 hour	s						"	
Water	remaiı	ning or	n hand fit fo	r me at Noor	1									247	0 "	
Coal c	onsum	ned du	ring the pre	ceding 24 ho	ours								tons	275	lbs.	
Coal re	emaini	ng on	hand at No	on								98	44	1790	и	
P,M																
1				West	3		29.99	75	77	74		bc	Cir Cum	1	8	
2				u	3		29.98	75	77	74		ш	и		8	
3				u	3		29.98	75	77	74		4	u		8	
4				u	3		29.97	75	77	74		4	u		8	
5					2		29.97	75	77	74					8	
6					2		29.97	75	77	74					8	
7					1		29.98	75	76	73					8	
8					1		29.98	75	75	73					8	
9				NW	1		29.99	75	74	73					7	
10				N by W	2		29.99	75	74	72					7	
11				West	2		30.00	75	74	72		"			6	
Mid.				-	2		30.00	75	74	72					6	
l coott	ıda b	Chec	nomotor f	m Aftornos-	Oboczist	ions (						0			ш	
-				m Afternoon	observat	IUIIS (	ع		*	<b>.</b>		0			"	
-			nometer Ob				a l-	oon rad	ء at Suns			0			"	
			mpass by A	иприцае			OD		at SUNS	El		0			"	
variati	on or t	ile Co	mpass by					at								

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cool. Light W[ester]ly airs. Obscured moonlight.

(Signed) James K. Cogswell
Lieut.

From 4 to 8 A.M. Clear. Pleasant. Light W[ester]ly airs. Cir. Cum. clouds. Received on board 163 3/4 lbs. fresh beef and 163 lbs vegetables. By order of Commanding Officer. James Stevens (W.R.C.) was confined for safe keeping, being under the influence of liquor.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light airs from W increasing to light breeze. Received onboard in Pay Dept, 7 Bbls. Beans. 8 Bbls Flour. 5 Bbls Sugar. 3 Chests of Tea. In Engineers Dept, 7 Casks Olive Oil. 6 Casks Colza Oil. 2 Packs Animal Charcoal. For Equipment Dept, 2 Cords Wood. In Construction Dept, 20 galls. Shellac. 1 Box Brick. The following men were absent without leave at quarters. P. D. Cass (C. and C.) Thos. Murphy (O.S.) John W. Scott (O.S.) Walter Carter (1.C.F.)

(Signed) Clinton K. Curtis Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Fresh W[ester]ly breeze. Cir. Cum. clouds. P. D. Cass (C. and C.) and Walter Carter (1.C.F.) returned onboard. By order of Commanding Officer, James Stevens (W.R.C.) was released from confinement. At 2, English Steamer "Africa" came in from E and at 2.10 English Steamer "Wist" got underway and stood out to E. Received in Equipment Dept, 500 coal bags.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light airs from W. Barometer steady. John W. Scott (O.S.) returned from liberty.

(Signed) Clinton K. Curtis Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Light W[ester]ly breeze. Cir. Cum. clouds. Bright moonlight.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

				WIND	S.	BAROMI	ETER.	TE	EMPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	y <u>≊</u> ≨	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	ш.								•	•				
1				NNW	2	29.96	74	73	71		bc	Cum	5		
2				"	2	29.93	74	73	71		"	"	5		
3				и	2-3	29.93	74	73	71		и	ш	2		
4				ш	2-3	29.92	74	74	72		"	"	1		
5				и	4-2	29.92	74	74	72		bcqp	Cum	1-2		
6				WNW	2	29.93	74	74	72			Nimb "	1		
7				NW	∠ 1-2	29.93	74 74	74 74	72 72		bcp o	"	0		
8				WNW	1	29.94	74	74	73		bc	"	2		
9				N	2	29.95	74	76	73		"	ш	3		
10				ENE	2	29.96	75	76	74		"	"	3		
11				WSW	4	29.95	76	77	75		"	"	0		
Noon				u	4	29.94	76	77	76		"	"	5		
Dista	nce ru	ın by Lo	og since pr	eceding Noor	ı						knots		fathoms	i.	
Latitu	de by	D. R. a	at Noon								0			44	
Longi	tude b	y D. R	. at Noon								0		4	66	
Latitu	de by	Obser	vations at I	Noon ⊙							0		•	и	
Longi	tude b	y Chro	onometer fr	rom Forenoon	Observati	ons ⊙					0		•	44	
Curre	nt dur	ring the	time	kno	ts	fms. per l	nour, se	etting to	the						
				Amplitude ⊙							0		ш	44	
				Azimuth ⊙ ol							0		и	и	
				oreceding 24 h										allons.	
Wate		Rece			_	the preceding	24 hou	rs					90		
		_		for me at Noo									292		
				receding 24 h	ours							tons "	275	lbs.	
Coal	remair	ning or	hand at N	ioon							98	-	1575	-	
P,M															
1				WSW	4	29.94	76	78	76		bc	Cum Ni	mh	4	
2				SW	2	29.95	76	78	76		"	Cir Cum		5	
3				и	1	29.93	76	78	76		44	"		3	
4				SSE	1	29.93	76	78	76		"	"		4	
5				S	2	29.94	76	77	76		ш	"		4	
6				SE	2	29.95	76	76	75		44	"		4	
7				ESE	1	29.95	76	76	74		"	"		5	
8				E	1	29.96	76	76	74		44	u		5	
9				NNE	1	29.95	76	76	74		44	u		1	
10				NE	1	29.95	76	76	74		ш	u		2	
11				u	1	29.94	75	74	72		"	"		5	
Mid.				и	1	29.94	75	73	71		ш	u		5	
-		•		rom Afternoon	Observati	ons ⊙			_		0			и	
-		•		Observations					*		0				
				Amplitude		ob		at Suns	et		0			"	
Varia	tion of	the Co	ompass by				at				Ü				

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant first part, clouding over last two hours. Light breeze, with puffs, from N.N.W. Barometer falling.

(Signed) Clinton K. Curtis Lieut.

From 4 to 8 A.M. Cloudy, cool. Passing showers first part. Moderate breeze from N. and W. dying out during watch. Received fresh provisions for crew. At 7.30 a German Steamer came in and anchored.

(Signed) Charles B. T. Moore Ensign.

From 8 to Merid. Cloudy. Warm. Variable breeze first part, strong W.S.W. breeze latter part watch. Irving Winbush (W.O.S.) Pat. Runch (O.S.) John Millmore (O.S.) were released from confinement and sent to duty. Received on board 900 galls. fresh water; in Pay Dept, the following stores. 20 Bags Bread. 4 Boxes Candles. 10 Bbls Pork. 3 Bbls Beef; in Medical Dept, 1/2 Ream wrapping paper (white). 25 lbs White Sugar. 50 Envelopes (small). 8 lbs Condensed Milk. 1 lb Sponge. 8 lbs Extract Meat. 4 lbs Corn Starch. 4 lb Tapioca. 2 gross Vial Corks. 1/2 gross Bottle Corks. 3 Doz Vials (assorted). 4 oz Nutmegs. 1 Box Pens. 8 lbs Arrowroot. 8 lbs Barley. 4 lbs Tea (black). 4 Boxes Mustard Papers.

(Signed) Samuel C. Lemly Ensign.

From Merid. to 4 P.M. Cloudy. Warm. Moderate breeze from S. and W, gradually dying out and shifting to S. and E. Stowing provisions.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 P.M. Cloudy. Warm. Light variable breeze from S. and E. Cir. Cum clouds. At 5.35 German Steamer got underway and stood out to S. Received in Pay Dept, the following stores. 20 Bags Bread. Butter 2 Kegs.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Cloudy, cool. Light airs from N. and E. Bright moonlight.

(Signed) Charles B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

### LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

				WINDS	S.		BAROME	TER.	TE	MPERATI	JRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	é	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	_										•				
				Foot	•	,	20.02	74	75	70		ha	Cir Cum	2		
1				East "	2		29.93	74	75 75	73		bc "	Cir Cum	2 2		
2				ш	2		29.92	74 73	75 75	73 73		и	ш	2		
3 4				ш	2		29.91 29.90	73 73	75 75	73 73		и	ш	2		
5				Calm	0		29.90	73	73	73 72		0	"	0		
6				North	1		29.90	73	73	72		0	"	0		
					0		29.90			72			Cum	0		
7				Calm				73	73			or "	Nimb "			
8					0		29.90	73	73	72				0		
9					0		29.91	73	73	72		"	Nimb "	0		
10				W by S	1		29.91	73	73	72		"	"	0		
11				wsw	1 1		29.91	73 73	72 72	71 71		и	ш	0		
Noon				VVSVV	'	4	29.88	73	12	71				U		
Distan	ce run	by Lo	g since pre	ceding Noon								knots	,	fathoms.		
Latitud	le by [	D. R. a	t Noon									0			ш	
Longitu	ude by	/ D. R.	at Noon									0	•		ш	
Latitud	le by (	Observ	ations at N	oon ⊙								0			ш	
Longitu	ude by	/ Chro	nometer fro	m Forenoon	Observat	ions ⊙						0			ш	
Curren	t durir	ng the	time	knot	s	fm	ns. per h	nour, se	tting to	the						
Variati	on of t	the Co	mpass by A	Amplitude ⊙	observed	at Sunr	rise					0	ш		ш	
Variati	on of t	the Co	mpass by A	Azimuth ⊙ ob	served a							0	ш		44	
Water	exper	nded d	uring the pr	eceding 24 h										230 gall	ons.	
Water					_	the pre	ceding	24 hour	S						"	
				or me at Nooi										2690	и	
			-	eceding 24 ho	ours								tons "		os.	
Coal re	emain	ing on	hand at No	on								98		1240	-	
P,M																
1				West	1		29.83	70	71	70		or	Nimb	0		
2				"	1		29.83	70	70	69		bc	Cum Nim			
3				Calm	1		29.82	70	71	70		"	"	2		
4				West	1		29.81	70	72	70		"	Cir Cum	7		
5				ш	1	2	29.82	72	72	70		u	"	6		
6				u	1	2	29.82	72	72	70		u	"	7		
7				NE	1	2	29.82	72	71	69		"	u	6		
8				ш	1	2	29.83	72	71	69		44	u	7		
9				North	1	2	29.83	72	70	69		u	"	5		
10				"	1	2	29.84	72	71	70		"	Cum Nim	nb 1		
11				"	1	2	29.84	71	71	70		"	"	1		
Mid.				"	3	2	29.82	70	70	69		u	Cir Cum	4		
Longit	ude by	/ Chro	nometer fro	m Afternoon	Observat	ions o						0	,		e	
•				oservations					*	k		0	•		u	
Variati	on of t	the Co	mpass by A	Amplitude			ob	served a	at Suns	et		0	•		ш	
Variati	on of t	the Co	mpass by					at				0	•		ш	

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Pleasant. Light E[aster]ly breeze. Cir. Cum. clouds. Obscured moonlight.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Overcast and pleasant. Rainy last two hours of watch. Calm. Portuguese Steamer "Luso" came in and anchored.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Overcast, raining. Calm and light airs from S. and W.

(Signed) Charles B. T. Moore Ensign.

From Merid. to 4 P.M. Overcast and rainy first part, clear latter part of watch. Calm and light from W. Barometer falling slowly.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light variable airs.

(Signed) Charles B. T. Moore Ensign.

From 8 to Midnight. Cloudy and cool. Light airs from N. Light sprinkling of rain part of watch.

(Signed) James K. Cogswell Lieut.

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(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Funchal, Madeira

				WIND	S.	BARO	METER.	TE	EMPERATI	URE.	State of	Forms of	<u>.</u> .		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Skv, in 10ths.	,	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_	ш.								-	•					
í. 1				N	0-1	29.82	72	71	69		bc	Cir Cum	3			
2				NNW	0-1	29.82	72	72	70		"	"	4			
3				и	1	29.82	72	72	70		u	и	3			
4				ш	0-1	29.83	72	71	69		es.	Cum	9			
5				"	0-1	29.83	75	69	69		и	"	9			
6				ш	0-1	29.83	75	69	69		u	"	9			
7				u	0-1	29.85	75	69	69		u	ш	9			
8				ш	0-1	29.86	75	70	70		u	"	9			
9				SSW	0-1	29.89	73	72	72		u	и	9			
10			0 5	ш	0-1	29.89	76	74	74		ш	"	9			
11	6	0	S by W 1/2 W	u	2	29.90	76	76	74		u	ш	8			Steaming with
Noon	6	4	44	44	1	29.90	74	74	72		44	u	7			four boilers.
D: 1																
			-	eceding Noon	1						knots °		fathoms		4	
			. at Noon R. at Noon								0				4	
			ervations at N	Noon @							0		4		4	
				om Forenoon	Observati	ons 🛈					0		4		4	
-		•	ne time	kno			hour, se	ettina to	the							
				Amplitude ⊙			,	3			o				4	
				Azimuth ⊙ ot							0		"		4	
Water	expe	ended	during the p	receding 24 h	nours								230 g	allons	S.	
Water					during	the preceding	24 hou	rs							44	
Water	rema	aining	on hand fit f	or me at Noo	n								2460	)	ш	
Coal	onsu	med	during the pr	eceding 24 h	ours						8	tons		lbs.		
Coal r	emaiı	ning (	on hand at N	oon							90	44	1240	44		
P,M																
1	2	0	S by W	SSW	1	29.90	74	77	75		bc	Cum		3	S	Fore and aft sail
2			1/2 W target	"	1	29.88	75	76	73		"	"		2	"	foresail and topsails.
3	4	0	S by W	FCF	2			74	71		и	"		2	u	"
			1/2 W	ESE "		29.86	75					u			u	и
4 5	5 5	0	ш	SE	2 2	29.84	75 75	74 74	71 72		u			3 7	"	Fore and aft sail
5 6	5 5	4	"	3E "	2	29.84 29.85	75 75	74 74	72 72		ш	Cir Cum		7 7	"	and foresail.
7	5	0	ш	SSW	2	29.87	74	74	72	77	и	и		9	"	Steaming four boilers.
8	4	4	u	"	1	29.87	74	74	72	77	ш	"		9	u	"
9	4	0	и	"	1	29.88	74	73	71	77	ш	Cum		9	"	Head sails, spanker
10	4	4	ш	ш	1	29.89	74	74	72	77	ш	"		9	u	and main trysail.
11	6	0	u	Calm	0	29.88	74	73	71	77	u	ш		9	"	•
Mid.	7	0	и	"	0	29.88	74	74	72	77	u	u		8	"	
Longit	ude b	y Ch	ronometer fr	om Afternoon	Observat	ions ⊙					0		4		4	
Longit	ude b	y Ch	ronometer O	bservations				*	k		0		•		ш	
			Compass by			O	bserved	at Suns	et		0				u	
Variati	on of	the (	Compass by				at				0		•		ш	

### under the command of Commander Winfield Scott Schley Monday September 24<sup>th</sup>,1877.

, U. S. Navy.

[Editor's Note: The following note was attached to the logbook entry for Sept. 24, 1877.]

Expended at target practice the following ordnance stores.

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9 Ibs Cannon powder in 15 Ibs charges
240 " " " 10 " "
36 " " 6 " "
6 Shells XI in loaded and fired 5 "
24 " IX in " " 5 "
6 " 60 pdr " " 5 "
50 Quill primers.
(Signed) Asa Walker, Lieut.
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Commences and until 4 A.M. Cloudy, cool. Light airs from N. Bright moonlight.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 A.M. Clear and pleasant. Light airs from N.N.W. Crew employed in preparing ship for sea. At 6.30 started fires in boilers 1, 3, 2 and 4. Bent light sails. At 7.45 crossed royal and topgallant yards. Received in Pay Dept, 630 lbs bread. Barometer rising.

(Signed) John Schouler Lieut Comdr.

From 8 to Merid. Clear and pleasant. Light airs from S. and W. At 9 mustered at quarters. At 9.15 called all hands up anchor. At 10 got underway and steamed out of Funchal. Draught forward 14 fat. Amidships 15 feet. Aft 16 feet. Lieut. C. K. Curtis was placed under arrest, by order of Commanding Officer, for being drunk while on duty, and confined to his room under charge of sentry, until further orders. Steaming with four boilers. Average pressure 60 lbs. Revolutions 40. Secured anchors for sea.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from S. and W. shifting to S. and E. At 12.20 stopped steaming, lowered target overboard and sounded call to General Quarters. Fired at target. At 2 started ahead. At 2.10 stopped, lowered life boat and picked up sponge. At 2.25 hoisted boat and started ahead on course. At 2.45 set fore and aft and foresail. At 3.15 set fore and main topsails. Lieut. C. K. Curtis was released from arrest and restored to duty, by order of Commanding Officer. Average steam 55 lbs. Revolutions 35.

(Signed) Samuel C. Lemly Ensign.

From 4 to 6 P.M. Clear and pleasant. Light breeze from S.E. Steaming with four boilers.

(Signed) Charles B. T. Moore
Ensign.

From 6 to 8 P.M. Clear and pleasant. Light airs from S. and W. Short swell from N. at 6.30 hauled down head sails, took in foresail and spanker. Moon rose at 6.30. Steaming with four boilers. Average pressure 40 lbs. Revolutions 35.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear and pleasant. Calm and light airs from S.S.W. Bright moonlight. Barometer steady. At 8.30 set fore and aft sail. Steam 50 lbs. Revolutions 30. Temp of bunkers 90°.

(Signed) Clinton K. Curtis Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

Part					WIND	S.	BAROM	ETER.	TE	EMPERAT	URE.	State o	ď	Forms of		State	
A	Jour	cnots	athoms.	Courses steered.	Direction.	Force.	g in		Dry	Wet	at	the Weathe by	er	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	
1		_	ш.														
		7	2	S by W	c	1	20.96	74	74	72	77	ho		Cir Cum	7	c	
2				1/2 W								DC "		Cir Cum			
1																	
S																	
Composition																	
Part				ш								"		ш			
B				ш	SSE							u		и		"	
9				u								"		ш		"	
10		5	2									"		ш		"	
1					005							"		"		"	
The content of the Compass by Admitted for me at Noor   1   29.87   76   76   77   77   78   78   78												"		u			
Part   Continue   Co												u		u			
Latitude by D. R. at Noon   S. A. Soon   S.	INOUII	1	U			'	29.07	70	76	73	11				2		
Latitude by D. R. at Noon   S. A. Soon   S.																	
Latitude by D. R. at Noon   S. A. Soon   S.	Distar	nce ru	ın hv	l oa since n	receding Noor	1					1	39 knots	:	4 1	fathoms		
Latitude by O. R. at Noon  Latitude by O. Sear-vations at Noon																" N.	
Langitude by Chronometer from Forenco Observations at Noon   100													0				
Courable	_				Noon ⊙								0				
Variation of the Compass by Amplitude ◎ observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Azimuth © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude \$\text{Variation}\$ of the Compass by Amplitude © observed at \$\text{Variation}\$ of the Compass by Amplitude \$\text{Variation}\$ of the Compas						Observa	tions ⊙						0				
Variation of the Compass by Azimunth do besived at 7:30 A.M.  Variation of the Compass by Azimunth go besived at 7:30 A.M.  Valet expended during the preceding 24 hours  Valet remaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  Valet remaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  Valet remaining on hand at Noon  Coal consumed during the preceding 24 hours  Valet remaining on hand at Noon  Coal consumed during the preceding 24 hours  Valet remaining on hand at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand fit for me at Noon  Valet remaining on hand	_							hour, se	etting to	the	E.						
Water emaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  FMATER TO BE SET 1	Variat	ion of	f the (	Compass by	Amplitude ⊙	observed	l at Sunrise						0	ш		44	
Water remaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  P,M  1 7 2 S ESE 1 29.87 76 76 77 73 78 2 C C C C C C C C C C C C C C C C C C	Variat	ion of	f the (	Compass by	Azimuth ⊙ ol	oserved a	at 7.30 A.M.					19 '	0	00 "	00	" W.	
Water remaining on hand fit for me at Noon  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  P,M  1 7 2 S ESE 1 29.85 76 77 73 78 "C Cum 3 S Head sails, foresail, 2 5 0 " 1 29.85 76 77 73 78 " C Cum 3 S W. trysail and spanker.  3 4 6 " 1 1 29.85 76 77 73 78 " C Cum 5 S Cum 7 S Cum	Water	expe	ended	during the	preceding 24 I	nours									290 gallo	ns.	
Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  P,M  1 7 2 S ESE 1 29,87 76 76 76 73 77 bc Cum 3 S S Head sails, foresail, 2 5 0 - 1 1 29,85 76 77 73 78 - 5 S S S S S S S S S S S S S S S S S S	Water					during	the preceding	24 hou	rs							и	
P,M	Water	rema	aining	on hand fit	for me at Noo	n									2170	"	
P,M  1 7 2 S ESE 1 29.87 76 76 77 73 78	Coal	consu	med	during the p	receding 24 h	ours						8	3		255 lb	S.	
1	Coal r	emai	ning o	on hand at N	Noon							82	2	и	985	и	
1																	
1																	
2 5 0 " " 1 29.85 76 77 73 78 " " 5 " M. trysail and spanker.  3 4 6 " " 1 29.85 76 77 73 78 " " 5 " " "  4 5 0 " " 1 29.85 76 77 73 78 " " " 7 " " "  5 4 6 " " 1 29.87 76 76 76 73 78 " " " " "  6 4 0 " " 1 29.87 75 76 76 72 77 " " " 6 " 6 " " " "  7 4 6 " " 1 29.89 75 75 75 71 77 " " " 9 " " "  8 5 0 " " 1 29.90 75 75 75 71 77 " " " 9 " " " " " " 1 29.90 75 75 75 71 77 " " " " 9 " " " " " 1 29.90 75 75 75 72 77 " " " " 9 " " " " " 1 29.90 75 75 75 72 77 " " " " 9 " " " " " 1 29.90 75 75 75 72 77 " " " " " 9 " " " " " " 1 29.90 75 75 75 72 77 " " " " " 9 " " " " " " 1 1 29.90 75 75 75 72 77 " " " " " 9 " " " " " " " " " " " "		_														_	
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4 5 0 " " 1 29.85 76 77 73 78 " " 7 " " " 6 " " 1 29.87 76 76 76 73 78 " " " 7 " " " " 6 " " 1 29.87 75 76 76 72 77 " " " " 6 " " " 1 29.87 75 76 75 75 71 77 " " " 9 " " " 8 5 0 " " 1 29.90 75 75 75 71 77 " " " 9 " " " 9 " " " 1 29.90 75 75 75 72 77 " " " 9 " " " 1 29.92 75 75 75 72 78 " " 9 " " " 1 29.92 75 75 75 72 78 " " 9 " " " 1 29.92 75 75 75 72 78 " " 9 " " " 1 29.92 75 75 75 72 78 " " 9 " " " 1 29.92 75 75 75 72 78 " " 9 " " " 1 29.92 75 75 75 72 78 " " 9 " " " 1 20.92 75 75 75 72 78 " " " 8 8 " " " " 1 20.92 75 75 75 72 78 " " " 8 8 " " " " " 1 20.92 75 75 75 72 78 " " " 8 8 " " " " " " 1 20.92 75 75 75 72 78 " " " 8 8 " " " " " 1 20.92 75 75 75 72 78 " " " 8 8 " " " " " 1 20.92 75 75 75 72 78 " " " 8 8 " " " " " 1 20.92 75 75 75 72 78 " " " " 8 8 " " " " " " 1 20.92 75 75 75 72 78 " " " " 8 8 " " " " " 1 20.92 75 75 75 72 78 " " " " 8 8 " " " " " " 1 20.92 75 75 75 72 78 " " " " " 8 8 " " " " " " 1 20.92 75 75 75 72 78 " " " " " 8 8 " " " " " " 1 20.92 75 75 75 72 78 " " " " " " 8 8 " " " " " " " " " "																	
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Mid. 4 2 " " 1 20.92 75 75 72 78 " " 8 " "         Longitude by Chronometer from Afternoon Observations ○			-	es								u		Cir Cum	-	"	и
Longitude by Chronometer from Afternoon Observations ©  Longitude by Chronometer Observations  *  o  '  u  t  T  Variation of the Compass by Amplitude  observed at Sunset  o  '  '  '  '  '  '  '  '  '  '  '  '		4	2	и	u							"		u	8	"	и
Longitude by Chronometer from Afternoon Observations 9  Longitude by Chronometer Observations	-							-	-		-				-		
Longitude by Chronometer Observations * ° ' "  Variation of the Compass by Amplitude observed at Sunset ° " "	Longit	ude b	oy Ch	ronometer f	rom Afternoor	Observa	itions ⊙						0	4		ш	
Variation of the Compass by Amplitude observed at Sunset	_								:	*			0			u	
	-						ol	served	at Suns	set			0			"	
·	Variat	ion of	f the (	Compass by	,			at					0	4		u	

Commences and until 4 A.M. Clear. Cool. Pleasant. Light S[outher]ly breeze. Cir. Cum. clouds. Bright moonlight. At 12.15 took in fore and aft sail. Steaming under half power. Average pressure 58 lbs. Revolutions 41.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Cloudy pleasant. Light airs from S. Steaming with four boilers. Average pressure 65 lbs. Revolutions 44. Barometer rising.

(Signed) Charles B. T. Moore Ensign.

From 8 to Merid. Cloudy and pleasant. Light breeze from S. and E. At 8.45 changed course to S. At 9.15 inspected at quarters, afterwards Companies A and B were exercised at small arms and Co. C at howitzer drill. Marine Guard at small arms. At 11 set all fore and aft sails and foresail. Loosed mainsail today and refurled it. Steaming with four boilers. Average pressure 62 lbs. Revolutions 46.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light airs from S. and E. Barometer falling slowly. Average steam 55 lbs. Revolutions 26.

(Signed) Clinton K. Curtis Lieut.

From 4 to 6 P.M. Clear. Pleasant. Light E.S.E. breeze. Cumulus clouds. At 4.10 sighted high land off starboard bow, bearing (pc) S.S.W. 1/4 W. At 5.50 mustered at quarters. Steaming one half power. Average pressure 60 lbs. Revolutions 26.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Clear and pleasant. Light airs from E.S.E. Steaming with four boilers. Average pressure 59 lbs. Revolutions 26. Temp of bunkers 99°.

(Signed) Charles B. T. Moore Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from N.E. At 10 took in fore and aft sail except F. T. M. staysail. At 11 sighted Amaga Light on starboard bow. Steaming with four boilers. Average pressure 55 lbs. revolutions 26. At end of watch Amaga Light bore (pc) S 3/4 W.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Santa Cruz, Teneriffe [Tenerife]

					WINE	os.	BAROM	ETER.	TI	EMPERAT	URE.	State of	Forms of	9.2	State	
Hour	1	Knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1	4	. (	0	S	NE	1	29.89	75	75	73	77	bc	Cum	9	S	Foretopmast stay-
2	4		4	u	44	1	29.87	75	75	73	77	"	"	8	u	sail and foresail.
3	4	. (	6	S 1/4 W	"	1	29.87	75	75	72	77	"	"	8	u	и
4	5	5 (	0	"	"	1	29.87	75	75	72	77	"	Cir Cum	9	"	и
5	5	5 (	0	и	Е	1	29.88	74	75	73	77	u	u	8	u	Steaming.
6					"	1	29.89	74	74	73	77	"	"	8	u	ш
7					ш	2	29.90	74	75	74	77	u	u	9	u	и
8					"	2	29.91	75	76	74		"	"	9	"	и
9		At An			ш	2	29.92	76	79	76		"	"	8	u	
10	S	Santa	a Cr	uz	ш	2	29.92	78	82	78		"	"	8	u	
11					ENE	3	29.92	78	82	78		"	u	8	u	
Noon					ш	4	29.91	78	82	78		ш	ш	8	ш	
Distar	nce	run l	ov L	og since pr	eceding Nooi	n						knots	fa	ithoms.		
				at Noon	Ü							0			и	
				R. at Noon								0			u	
Latitud	de b	у ОІ	bser	rvations at N	loon ⊙							0	4		и	
Longit	tude	by (	Chr	onometer fr	om Forenoor	Observat	ions ⊙					0			ш	
Curre	nt d	uring	g the	e time	kno	ots	fms. per	nour, se	etting to	the						
Variat	ion	of th	e C	ompass by	Amplitude ⊙	observed	at Sunrise					0	"		и	
Variat	ion	of th	e C	ompass by	Azimuth ⊙ o	bserved at						0	ш		и	
Water	ex	pend	led (	during the p	receding 24	hours								230 gal	lons.	
Water						during	the preceding	24 hou	rs						ш	
			-		or me at Noo									1940	u	
					eceding 24 h	iours						3			lbs.	
Coal r	ema	aının	ig oi	n hand at N	oon							79	и	755		
P,M																
1					E	4	29.90	78	82	78		bc	Cir Cum	8		
2					NE	3	29.90	79	81	78		u	"	9		
3					44	3	29.90	80	82	78		44	ш	9		
4					NNE	3	29.90	80	82	80		"	"	9		
5					и	2	29.90	79	81	76		"	Cum	9		
6					ENE	2	29.91	79	80	77		"	u	9		
7					u	2	29.93	78	79	76			u	8		
8						1-2	29.93	78	78	75				9		
9					NE "	1	29.93	78	78	75 75			Cir Cum	6		
10 11					и	1 1	29.94	78 77	78 76	75 74		44	ш	6 5		
11 Mid.					44	2	29.94 29.96	77 76	76 76	74 74		44	u	7		
								10	10	74				,		
-					om Afternoor	n Observat	ions ⊙					0			ш	
		-			bservations					*		0	4		u	
				ompass by	Amplitude		ob	served	at Suns	et		0	4		"	
Variat	ion	of th	e C	ompass by				at				0	•		и	

Commences and until 4 A.M. Clear and pleasant. Bright moonlight. Land in sight last two hours of watch. At 2 changed course to S. 1/4 W. Took in F. T. M. S. S. and Foresail. Light on Amaga Point bore (pc) at end of watch S. by W. 3/4 W.

(Signed) Clinton K. Curtis Lieut.

From 4 to 8 A.M. Clear. Warm. Light E[aster]ly breeze. Cir. Cum. clouds. Standing in for Santa Cruz under directions of Navigator. Engaged in getting ship ready for port. At 8, local pilot came onboard.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Warm. Moderate breeze from N. and E. At 8.20 came to anchor off Santa Cruz in 18 fathoms water, veering to 45 fathoms port chain. Bearings. Mole W. by S. 1/2 S. Fort San Miguel N by E. Draught forward 14 feet. Amidships 15 feet. Aft 16 feet. Health Officer came alongside and granted pratique. Fires banked in four boilers. Steam pressure 25 lbs. Distilling.

(Signed) Charles B. T. Moore Ensign.

From Merid. to 4 P.M. Clean and pleasant. Light breeze from N. and E. Commanding Officer accompanied by several officers, in full dress uniform, paid an official visit to the Governor General and other officials ashore. Banked fires in four boilers. Average pressure 25 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light breeze from N. and E. Barometer rising slowly. At sundown sent down royal and topgallant yards. Fires banked in four boilers. Average pressure 30 lbs. Temp. of bunkers 96°. Distiller in operation. Commanding Officer of Spanish Gunboat paid official visit to ship.

(Signed) Clinton K. Curtis Lieut.

From 8 to Midnight. Clear and cool. Light N.E[aster]ly airs. Bright moonlight. At 12.20 stopped distilling. Fires banked in four boilers.

(Signed) Charles B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Santa Cruz, Teneriffe

				WINE	os.	BAROMI	ETER.	TI	EMPERAT	URE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	×	Œ.								•			ш. о		
A,M															
1				NE "	1	29.94	77	76	74		bc "	Cum "	9		
2				"	1	29.94	77	76	73				9		
3				ш	2	29.94	76	74	72				9		
4				ш	2	29.94	76	74 75	72		"	"	9		
5 6				ш	2 1-2	29.95 29.98	76 75	75 75	73 73		ш	и	8 8		
7				ш	1-2	29.98	76	77	73 74		"	u	8		
8				и	1-2	30.01	76	79	7 <del>4</del> 75		"	u	8		
9				ENE	2	30.01	77	80	76		"	u	8		
10				E	3	30.02	78	81	78		"	"	8		
11				"	4	30.02	79	82	77		ш	u	8		
Noon				и	4	30.00	79	82	76		ш	u	8		
					·	00.00		02					Ü		
Distan	ce rur	n by Lo	og since pre	eceding Noo	n						knots		fathoms.		
		•	it Noon	Ü							0			44	
Longit	ude by	y D. R.	at Noon								0	4		"	
Latitud	le by (	Observ	ations at N	loon ⊙							0	4		"	
Longit	ude b	y Chro	nometer fro	om Forenoor	n Observat	ions ⊙					0	•		"	
Currer	nt duri	ng the	time	kno	ots	fms. per l	nour, se	etting to	the						
Variati	on of	the Co	mpass by	Amplitude ⊙	observed	at Sunrise					0		4	44	
Variati	on of	the Co	mpass by	Azimuth ⊙ o	bserved a	t					0		4	u	
Water	exper	nded d	uring the p	receding 24	hours								230 gal	ons.	
Water		Cond	ensed		during	the preceding	24 hou	rs					730	"	
Water	remai	ining o	n hand fit f	or me at Noo	on								2440	"	
Coal c	onsur	ned du	iring the pr	eceding 24 h	nours						2	tons	970	bs.	
Coal re	emain	ing on	hand at No	oon							76	и	2025	ш	
P,M				_									_		
1				E "	4	29.98	80	82	78		bc "	Cir Cum	7		
2				"	3	29.98	80	82	78		u		8		
3 4				ш	3 3	29.98 29.98	80 80	81	77 77		и	"	5 7		
5				N	3	29.98	77	81 79	77 75		44	u	5		
6				u u	2	29.99	77	79	75 75		ш	Cum	7		
7				44	1	30.01	76	77	74		ш	"	8		
8				44	1	30.02	76	76	73		и	"	9		
9				NE	1	30.02	76	76	73		и	u	8		
10				"	1	30.02	76	76	73		и	u	8		
11				и	1	30.02	76	76	74		ш	u	8		
Mid.				и	1	30.01	76	76	74		ш	"	8		
							-	-					Ū		
Longit	ude b	y Chro	nometer from	om Afternooi	n Observat	tions ⊙					0			44	
				bservations				:	*		0		4	"	
-			mpass by			ob	served	at Suns	et		0		4	u	
			mpass by	•			at				0		4	"	

Commences and until 4 A.M. Clear and pleasant. Light airs from N.E. Bright moonlight. Fires banked in four boilers. Average pressure 20 lbs.

(Signed) James K. Cogswell Lieut.

From 4 to 8 A.M. Clear, pleasant. Light breeze from N.E. Barometer rising. At 8 crossed royal and topgallant yards.

(Signed) Clinton K. Curtis Lieut.

From 8 to Merid. Clear. Pleasant. Fresh E[aster]ly breeze. Cumulus clouds. Fires banked in four boilers. Average pressure 30 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E. The Naval and Military Governor and Staff visited the ship. Fires banked in four boilers. Average pressure 25 lbs. Distilling.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 P.M. Clear and pleasant. Light airs from N. At 6.30 a German steamer came in from N. and E. and anchored. Fires banked in four boilers. Average pressure 25 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Light N.E[aster]ly breeze. Cumulus clouds. Moon rose at 8.40. By order of Commanding Officer, Geo. Vaughn (Lds) and Elison Parker (Lds) for neglect of duty, stood four hours extra watch. Fires banked in four boilers. Average pressure 27 lbs. Temp of bunkers 96°. Distilling.

(Signed) Samuel C. Lemly Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Santa Cruz, Teneriffe

				WINDS			BAROME	TER.	TE	MPERATU	JRE.	State of	Forms of		, Stat	e
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear	of the	Record of the sail the vessel is
A,M	*	Œ									•	·			,	
				NE	4		20.00	76	76	70		ha	Cum	-		
1				NE Calm	1		30.00	76 76	76 76	73		bc "	Cum "	5 2		
2				Calm NE	0 1		30.00 29.99	76 76	76 76	73 73		ш	u	3		
4				"	1		29.99	76	76	73		"	"	4		
5				и	1		29.99	76	75	73		"	u	6		
6				N	1		29.99	75	75	73		"	"	2		
7				Calm	0		30.01	77	75	75		ш	Cir Cum			
8				"	0		30.01	77	77	74		"	"	3		
9				E	1		30.02	77	78	75		ш	"	3		
10				u	1-2		30.02	77	79	75		"	u	3		
11				и	2		30.01	77	80	76		"	"	4		
Noon				и	2		30.01	78	81	76		"	"	5		
Distan	ce run	by Lo	g since pre	ceding Noon								knots		fathom	S.	
Latitud	e by E	D. R. a	t Noon									0		4	u	
Longitu	ude by	D. R.	at Noon									0		4	u	
Latitud	e by C	Observ	ations at N	oon ⊙								0		4	u	
Longitu	ude by	/ Chroi	nometer fro	m Forenoon	Observat	ions @	)					0		•	u	
Curren	t durir	ng the	time	knot	S	fi	ms. per h	nour, se	tting to t	the						
Variati	on of t	he Co	mpass by A	Amplitude ⊙ o	bserved	at Sur	nrise					0		44	u	
Variati	on of t	he Co	mpass by A	Azimuth ⊙ ob	served at							0		"	и	
Water	expen	ided di	uring the pr	eceding 24 h	ours									230 (	gallons.	
Water		Conde	ensed		during	the pr	eceding	24 hour	S					30	00 "	
Water	remaiı	ning or	n hand fit fo	r me at Noor	1									251	0 "	
				ceding 24 ho	urs							2	tons	1770	lbs.	
Coal re	emaini	ing on	hand at No	on								74	и	255	и	
P,M				E hu C	2		20.00	70	00	77		ha	Cir Cum		6	
1				E by S	2		30.00	78	82	77		bc "	Cir Cum		6	
2					2		29.99	79 79	82	78 78		ш	u		6 7	
4				ENE NNE	2		29.99 29.99	78 78	82 81	77		"	"		8	
5				NE	2		29.99	78	79	75		"	"		5	
6				"	2		29.99	78	79	75		ш	Cum		6	
7				и	1		30.00	76	78	74		ш	"		8	
8				Calm	0		30.02	76	78	74		ш	"		6	
9				u	0		30.02	77	78	76		ш	u		5	
10				SSW	1		30.02	77	77	76		ш	u		6	
11					1		30.02	77	77	75		ш	"		8	
Mid.				ш	1		30.02	77	77	75		и	u		8	
Longitu	ıde by	/ Chroi	nometer fro	m Afternoon	Observat	ions @						0		4	и	
•			nometer Ob						al.	<b>&lt;</b>		0			u	
-			mpass by A				ob	served	at Suns	et		0			"	
			mpass by					at				0			"	
			•													

, U. S. Navy.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy, cool, pleasant. Light airs from N.E. Obscured moonlight. Fires banked in four boilers. Average pressure 20 lbs. Distilling.

(Signed) Charles B. T. Moore Ensign.

From 4 to 8 A.M. Cloudy and pleasant. Light breeze from E. Calm. Fires banked in four boilers. Average pressure 25 lbs. Distilling.

(Signed) James K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from E. Barometer steady. Fires banked in four boilers. Distilling. Average steam 25 lbs. At 9.15 exercised at fire quarters. Medical officer left ship to render professional aid to master of whaling bark "Petrel" of New Bedford Mass.

(Signed) Clinton K. Curtis

Lieut.

From Merid. to 4 P.M. Clear. Warm. Moderate breeze from E. At 1.15 German steamer "Luxo" left the harbor. Engaged in setting up main topgallant stay. Fires banked four boilers. Average pressure 25 lbs. Temp. of bunkers 95°. Distilling.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light breeze from N.E. Calm last hour. At sunset sent down royal and topgallant yards. Bent light sails. Fires banked in four boilers. Distilling.

(Signed) Charles B. T. Mo

(Signed) Charles B. T. Moore Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from S. and W. Barometer steady. At 8.15 and English steamer came in and anchored. Obscured moonlight last part of watch. Average steam 25 lbs. Distilling.

(Signed) Clinton K. Curtis Lieut.

> (Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, Santa Cruz, Teneriffe

	_				S.	BAROMI	ETER.	TE	EMPERAT	URE.	State of	Forms of		SI	ate	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	ti	of he ea.	Record of the sail the vessel is under at end of watch.
	호	Ē								•	÷		ĒØ			
A,M						00.00			70			0: 0				
1				NE "	1	30.02	75 75	76	73		bc "	Cir Cum	6			
2				u	1	30.07	75 75	76 76	73		u	u	6			
3				и	1 1	30.00 30.00	75 75	76 76	73 73		и	и	6 6			
4 5				Calm	0	30.00	75 75	74	73 72		u	u	7			
6				"	0	30.02	75	75	73		и	ш	4			
7				ESE	1	30.04	75	75	73		u	u	6			
8				N	1	30.06	76	76	74		u	u	8			
9				S	1	30.07	76	79	75		и	и	3			
10				ESE	1	30.07	77	80	76		и	и	3			
11				u	2	30.06	78	81	78		u	u	3			
Noon		anding anta C	g out of ruz	и	4	30.05	76	77	74		ec	и	3			Steaming 4 boilers. All plain sail except spanker and gaff topsail also mainsail.
Distar	nce ru	ın by l	_og since pre	eceding Noor	1						knots	fa	athoms.			
Latitud	de by	D. R.	at Noon								0	4		"		
Longit	ude t	by D.	R. at Noon								0	4		**		
Latitud	de by	Obse	rvations at N	loon ⊙							0			"		
Longit	ude t	by Ch	ronometer fro	om Forenoon	Observat	ions ⊙					0	•		44		
Curre	nt dur	ring th	e time	kno	ts	fms. per l	nour, se	etting to	the							
Variat	ion of	f the C	Compass by	Amplitude ⊙	observed	at Sunrise					0	и		м		
Variat	ion of	f the C	Compass by	Azimuth ⊙ ol	served at						0	и		м		
Water	expe	ended	during the p	receding 24 h	nours								230 ga	allons.		
Water			idensed		_	the preceding	24 hou	rs					260			
				or me at Noo									2540			
				eceding 24 h	ours						4	tons "	150	lbs.		
Coal r	emaı	ning c	n hand at No	oon							70	-	105			
P,M																
1	1	u	"	ESE	3	30.03	75	76	73	78	bc	Cir Cum		4	S	и
2	2	4	SW by S	и	3	30.02	76	77	73	78	ш	ш		5	**	ш
3	5	4	ш	и	3	30.03	77	77	73	78	и	u		7	"	Same with gaff topsail
4	5	6	SW 1/2 S	и	3	30.03	77	77	73	78	и	u	;	5	"	and spanker.
5	5	6	SW	ENE	4	30.03	77	77	73	78	ш	ш		В	**	Main try sail and
6	5	4	ш	NE by E	3	30.03	76	76	72	77	и	u	;	В	"	all plain sail except
7	5	4	SW by W	ENE	3	30.05	76	77	74	78	u	и	;	В	"	M. sail and F.T.M.S.S.
8	5	4	u	и	3	30.07	76	76	74	78	ш	Cum		В	**	ш
9	5	6	ш	u	3	30.09	76	76	74	78	ш	u		В	"	и
10	6	0	"	"	3	30.08	76	77	74	78	ee	"		9	"	и
11	6	0	ш	er.	3	30.08	76	77	74	78	ec	u		9	"	ш
Mid.	5	4	u	"	4	30.08	76	77	74	78	ш	u	•	7	"	и
Longit	ude t	by Ch	ronometer fro	om Afternoon	Observat	ions					0			"		
-			ronometer O					:	*		0			"		
Variat	ion of	f the C	Compass by	Amplitude		ob	served	at Suns	et		0			"		
Variat	ion of	f the C	Compass by				at				0			u		

Commences and until 4 A.M. Clear. Cool. Pleasant. Light N.E[aster]ly breeze. Bright moonlight. Fires banked in four boilers. Average pressure 25 lbs. Distilling.

(Signed) Samuel C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Calm. Light airs from S. and E. last hour. Fires banked in four boilers. Steam pressure 20 lbs. Temp. of bunkers 94°. Captains Clerk Arthur Schley was detached and ordered home and left the ship.

(Signed) Charles B. T. Moore Ensign.

From 8 to Merid. Cloudy and pleasant. Light variable airs first part, moderate breeze from E.S.E. latter part of watch. Sent Captains Clerk, Arthur Schley, home by English steamer, having been condemned by medical survey; also sent mail by same steamer. At 9.15 English steamer left the harbor. At 9.25 mustered at quarters. At 10 hove in to 25 fathoms port chain. At 11 an Italian man of war came in from S. and W. At 11 got underway. At 11.10 crossed topgallant yards and bent gear. At 11.30 made all plain sail. Draught forward 13 ft, 10 in. Amidships 14 ft, 11 in. Aft 16 feet. Steaming with four boilers. Average pressure 55 lbs. Revolutions 43. At 12 banked fires and uncoupled propeller.

(Signed) James K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E.S.E. Barometer steady. At 1.30 took departure. Ronca Point bearing (pc) W. by S. Anaga Point bearing (pc) N.E. 1/4 N. At 2.30 set spanker. At 3 changed course to S.W. 1/2 S. Fires banked in four boilers. Average pressure 25 lbs. Temp. of bunkers 96°. Ship under all plain sail except mainsail. At 4 changed course to S.W.

(Signed) Clinton K. Curtis Lieut.

From 4 to 6 P.M. Clear. Pleasant. Moderate. E.N.E[aster]ly breeze. Cir. Cum. clouds. Clewed down royals and move yard ropes. At 5.50 mustered at quarters. At 6 changed course to S.W. by W. Fires banked in four boilers. Average pressure 10 lbs.

(Signed) Samuel C. Lemly Ensign.

From 6 to 8 P.M. Clear and pleasant. Moderate breeze from N. and E. At 6.40 took in main trysail. Barometer rising. Fires banked in four boilers.

(Signed) Charles B. T. Moore Ensign.

From 8 to Midnight. Clear and pleasant. Gentle breeze from E.N.E. moon rose. At 10.45. Banked fires in four boilers. Average pressure 25 lbs. Barometer steady.

(Signed) James K. Cogswell Lieut.

(Signed) Asa Walker, Lieut.
Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, At Sea.

				WINDS	i.	BA	ROMETER.		TEMPERA	ATURE.	s	tate of	Forms	of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	Heig in inche	att'o		Air Wet Bulb.	Water at surface	r W	the eather by mbols	Clouds, symbols	by s.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
五 A,M	호	Fa								÷	·	•		,	ΣØ		
1	4	4	SW by W	E by N	3-4	30.0	8 77	77	74	78	b	С	Cum	-	7	S	
2	4	0	vv "	и	2	30.0	6 77	77	74	78	"		"	8	3	"	
3	4	0	u	ш	2-3	30.0		77	74	78	"		u	4	1	"	
4	4	4	"	ш	2-3	30.0	4 77	77	74	78	"		u	(	3	"	
5	5	4	u	NE by E	3	30.0	7 77	77	75	78	"		"	8	3	"	All plain sail
6	7	2	ш	ш	4	30.0	9 77	77	75	78	"		u	8	3	"	except spanker gaff
7	7	4	u	ENE	4	30.1	1 76	77	75	78	"		u	ę	9	"	Topsail and F.T.M.S.S.
8	7	2	"	E by N	4	30.1	2 77	78	75	78	"		"	9	9	"	и
9	7	0	"	SE by E	4	30.1	3 78	80	76	78	"		"	8	3	"	ш
10	7	0	u	u	4	30.1	5 78	81	77	77	"		"	8	3	"	ш
11	6	0	u	u	3	30.1	4 78	82	78	77	"		"	8	3	"	ш
Noon	5	2	ш	E	3	30.1	3 78	81	78	77	u		u	(	6	44	ш
Distan	ice ru	n by	Log since pre	ceding Noon							129 kr			0 fatho	ms.		
			. at Noon								26	0	22	•	00	" N.	
_			R. at Noon								17	0	27	,	30	" W.	
			ervations at N								26	0	16		00	" N.	
_			ronometer fro								17	0	43		30	" W.	
		-	ne time	knot			er hour,	setting t	o the	W. 22°	S.	0		ш			
			Compass by A								40	0	40		00		
			Compass by A			7.30 A.IVI					19		10	220	00	" W.	
		nuec	I during the pr	eceding 24 n		the present	ina 24 ha	uro						230	) gallo	"	
Water		inina	on hand fit fo	or ma at Naar	_	the preced	ing 24 no	ours						2	310	"	
		-	on hand fit for during the pre										tons	250			
			on hand at No	-	Juis							69	"	2095		s. "	
Oodin	Ciriaii	illig (	on nana at re									00		2000			
P,M																	
1	5	0	SW by W	E	3	30.1	1 77	81	76	77	bc		Cum		7	S	All plain sail except
2	5	0	u	ш	3	30.0	9 77	79	76	77	"		"		8	"	spanker and gaff topsail.
3	5	0	"	er	3	30.0	8 77	79	76	77	44		и		7	u	и
4	5	0	u	es .	3	30.0	7 77	79	76	78	44		"		7	u	и
5	5	0	ш	ű	3	30.0	8 77	80	75	78	"		"		7	"	ш
6	5	4	ш	ű	3	30.0	8 77	79	75	79	"		"		7	"	ш
7	5	4	u	E by N	3	30.0	9 77	78	75	78	"		44		7	u	Same except F.T.M.S.S.
8	5	0	"	ш	3	30.1		77	75	78	44		и		7	u	u
9	5	0	u	E	3	30.1	2 77	77	74	78	b		None		10	и	Same except M. sail
10	5	0	u	NE by E	3	30.1	2 77	77	74	78	"		"		10	"	и
11	5	2	u	ш	3	30.1	1 77	77	74	77	bc		Cum		9	u	и
Mid.	5	4	ш	NE	3	30.1	1 77	77	74	77	и		ш		8	"	и
Longit	ude b	y Ch	ronometer fro	m Afternoon	Observat	ions ⊙						0				ш	
Longit	ude b	y Ch	ronometer Ob	oservations					*			0		'		"	
Variati	ion of	the (	Compass by A	Amplitude			observe	ed at Sur	nset			0		'		"	
Variati	ion of	the (	Compass by				á	ıt				0		4		"	

Commences and until 4 A.M. Clear and pleasant. Light breeze from N. and E. Barometer falling. At 12.30 hauled fires. At 1.30 set single reefed mainsail. At 2 took in spanker and gaff topsails.

(Signed) Clinton K. Curtis Lieut.

From 4 to 8 A.M. Clear. Pleasant. Moderate breeze from N.E. by E. Cumulus clouds. At 5.15 hauled up weather clew of mainsail. At 7.20 set weather clew. At day light Peak of Teneriffe in sight bearing (pc) N.E. by N. obscured soon after by clouds. At 8 set gaff topsail and spanker.

(Signed) Samuel C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Moderate breeze from S. E. by E. shifting to E. At 9.15 set fore topmast staysail. At 9.30 Commanding Officer inspected ship and crew at quarters, and immediately afterward read prayers. At 11.40 took in spanker and gaff topsail.

(Signed) Charles B. T. Moore Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from E. Moderate swell from E. Clouds passing to N. and E.

(Signed) James K. Cogswell Lieut.

From 4 to 6 P.M. Clear and pleasant. Light breeze from E. Barometer steady. At 6 mustered at quarters.

(Signed) Clinton K. Curtis Lieut.

From 6 to 8 P.M. Clear. Pleasant. Light E. by N. breeze. Cumulus clouds. At 6.30 hauled down fore topmast staysail.

(Signed) Samuel C. Lemly Ensign.

From 8 to Midnight. Clear, pleasant, cool. Moderate breeze from N. and E. At 9.40 took in mainsail. Ship rolling easily.

(Signed) Charles B. T. Moore Ensign.

(Signed) Asa Walker, Lieut. Navigator.

# LOG of the UNITED STATES STEAMER "ESSEX", 3<sup>rd</sup> Rate, 6 Guns, [Editor's Note: This page was left blank in original logbook]

				WINDS.		В	BAROMET	ER.	TE	MPERATU	IRE.	State of	Forms of		State	
Hour	knots	Fathoms.	Courses steered.	Direction.	Force.	g i	eight in hes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	the Weather by symbols	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	_	ш														
A,M																
1																
2																
3																
4																
5																
6 7																
8																
9																
10																
11																
Noon																
110011																
Distan	ce run	by L	og since pre	eceding Noon								knots		fathoms.		
Latitud	le by [	D. R. a	at Noon									0			"	
Longit	ude by	y D. R	. at Noon									0			"	
Latitud	le by 0	Obser	vations at N	loon ⊙								0			u	
Longit	ude by	y Chro	onometer fro	om Forenoon (	Observatio	ns ⊙						0	•		"	
Currer	t durir	ng the	time	knots	:	fms.	per ho	our, sett	ting to t	he						
Variati	on of t	the Co	ompass by	Amplitude ⊙ o	bserved a	t Sunrise	е					0	66		"	
Variati	on of t	the Co	ompass by	Azimuth ⊙ obs	served at							0	66		"	
Water	exper	nded o	during the p	receding 24 ho	ours									galle	ons.	
Water					during th	ne prece	ding 2	4 hours	;						"	
Water	remai	ning o	on hand fit fo	or me at Noon											"	
				eceding 24 ho	urs								tons	II	os.	
Coal re	emaini	ing or	hand at No	oon									ш		ш	
P,M																
1																
2																
4																
5																
6																
7																
8																
9																
10																
11																
Mid.																
Longit	ude by	y Chro	onometer fro	om Afternoon (	Observatio	ons ⊙						0	•		ш	
Longit	ude by	y Chro	onometer O	bservations					*	:		0	4		и	
Variati	on of t	the Co	ompass by	Amplitude			obse	erved a	t Sunse	et		0	•		u	
Variati	on of t	the Co	ompass by					at				0	•		и	

under the command of , U. S. Navy. ,18.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

U.S.S. Essex, 3<sup>rd</sup> Rate At sea, Lat 24° 29 N, Long 19° 10' W Oct 1<sup>st</sup> 1877

I certify this to be a true copy of the log of this ship from April 1<sup>st</sup> 1877 to Sept. 30<sup>th</sup> 1877 inclusive.

Asa Walker, Lieut, Navigator.

Approved

W.S. Schley Comd. Comdg.

Examined and found to be correct

Navigator.